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## MANUAL

FOR THE

# MEDICAL DEPARTMENT

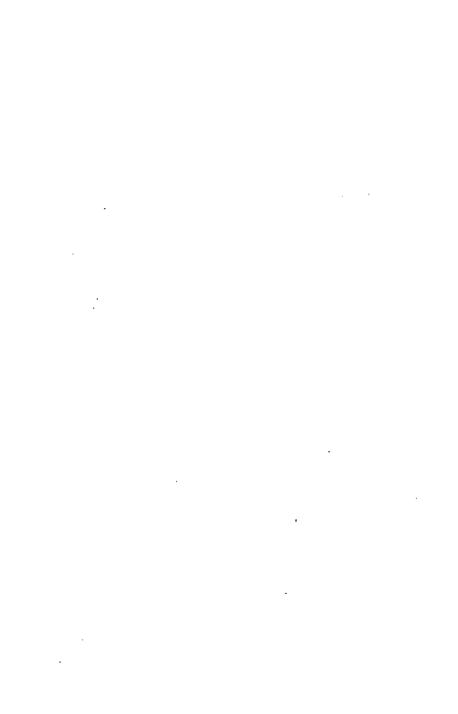
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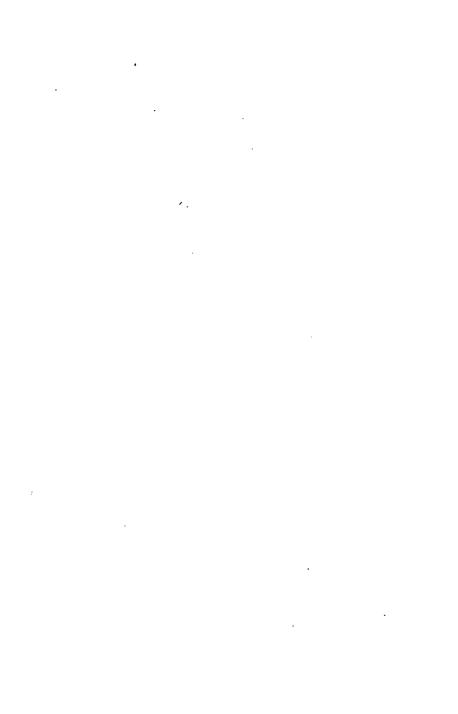
#### MEDICINES-Continued.

Articles.	I	Allowances for one year for posts having official population of—				
	100	200	400	600	800	1,000
Morphine sulphas, 8-mgm. hypodermic tabletstubes. Morphine sulphas, 8-mgm. tablets, 250 in 25 c. c. bottle,	2	4	6	8	10	12
botts		1	1	2	2	2
Myrrhæ tinctura, in 250 c. c. bottle botts Nitroglycerinum, 0.65-mgm. tablets, 250 in 25 c. c. bottle tle botts	1	1	1	2	3	1
Nitroglycerinum, 0.65-mgm, hypodermic tablets tubes Normal saline solution tablets, 250 in 250 c. c. w. m. bot-		2	3	4	5	6
tlebotts	1	1	1	1	1	1
Nucis vomicæ extractum, 25 gms, in 25 c. c. bottlebotts Nucis vomicæ extractum, 25 gms, in 25 c. c. bottlebotts	1 1	1	1	2	2 2	2 2
Oleum caryophylli, in 20 c. c. g. s. bottlebotts	i	i	1	ī	î	î
Oleum gaultheriæ, in 20 c. c. g. s. bottlebotts	5	5	10	10	15	15
Oleum gossypii seminis, in 1-liter bottlebotts	4	8	12	16	20	24
Oleum menthæ piperitæ, in 26 c. c. g. s. bottlebotts		5	5	5	5	5
Oleum morrhuse, in 500 c. c. bottlebotts Oleum ricini, in 1-liter bottlebotts	6 5	8	10	12 20	16 25	20 30
Oleum santali, in 20 c. c. g. s. bottlebotts	5	5.	10	10	15	15
Oleum terebinthing, in 1-liter bottlebotts	TA .	16	8	10	12	14
Oleum theobromatis, 110 gms. in 125 c. c. w. m. bottle botte		2	2	2	2	2
Oleum tiglii, in 25 c. o. bottle		O.	1	1	1	1
Opil tinetura, in 500 c. c. bottle		-	3 8	4	5	6
Opii pulvis 70 cms in 195 c. c. w. m. bottle			1	10	12	14
Opii tinctura camphorata, in 500 c. c. bottle Opii pulvis, 70 gms. in 125 c. c. w. m. bottle Pepsinum, 80 gms. in 125 c. m. bottle Petrolatum spissum, 46 500 gms. in 1			3	4	B	0
CHI CONTRACTOR CONTRAC		- 8	5	6	7	9
Peptonizing tablets, w. m. bott		4	1	1	1	1
Fuenacetinum 75		3	7	7	10	13
Physostigmina: # gm. opht 50 in box			100	1 2	1	1
		1	1	1	1	1
	1 2	3	4	5	6	12
Pilulæ nloin i 25 c. c	i	2	4	8	19	
min ising	1	11.		13	140	
D/m	1	1	2	-20		
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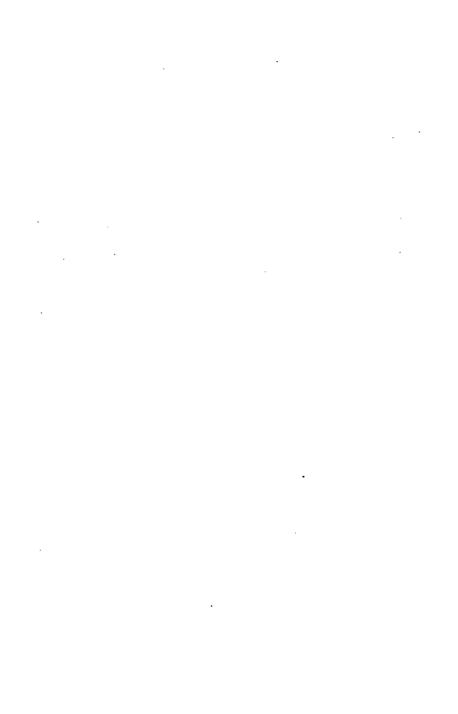
#### MEDICINES-Continued.

Articles.		Allowances for one year for posts having official pop- ulation of—						
	100	200	400	600	800	1,000		
uininæ sulphas, pulvis, 75 gms. in 250 c. c. w. m. bottle	3	5	8	12	18	20		
bottle ulnime sulphas, 200-mgm, tablets, 500 in 250 c. c. bot- tile	4	7	10	12	15	18		
thamni purshianæ extractum fluidum, in 500 c. c. bot- botts	13	2	3	4	5			
thei pulvis, 60 gms. in 125 c. c. w. m. bottlebotts		ĩ	2	2	3	3		
accharum lactis (pulvis), 80 gms, in 125 c. c. w. m. bottlebotts		2	2	3	3	3		
alol, 75 gms., in 125 c. c. w. m. amber-colored bottle_botts alophen, 60 gms. in 125 c. c. w. m. bottlebotts		1	3	3 2	4 2	1 3		
antoninum, 32-mgm. tablets, 250 in 25 c. c. bottle_botts		1	1 6	1 8	10	15		
cillæ syrupus, in 500 c. c. bottlebotts inapis curplastrum, in 4-meter tin, 6-inchtins	_ 2	2	4	4	6	1 2		
inapis nigra (pulvis), 1,000 gms. in 1,000 c. c. tintins	1	1 7	1	1	1	1		
odii bicarbonas, 425 gms. in 500 c. c. w. m. bottle_botts odii bicarbonas, 65-mgm, tablets, 250 in 25 c. c. bottle_botts	- 5	2	10	12	14 5	1		
e, c, bottle botts	1	2	2	3	3	1		
odii boras (pulvis), 400 gms. in 500 c. c. w. m. bottle_botts		2	3	3	4	1		
odii bromidum, 180 gms. in 125 c. c. w. m. bottle botts odii carbonnas exsicata, for surgical use, 400 gms. in 500	7 2	2	4	3 4	0	1		
c. c. w. m. bottle botts odii phosphas exsiccata (pulvis), 100 gms. in 125 c. c. w.			100	4	6			
m. bottle botts odii salicylas, 125 gms. in 250 c. c. w. m. bottle botts		12	16	20	24	2		
trophanthi tinctura, in 25 c. c. bottle botts trychnine sulphas, 1-mgm. hypodermic tablets, 250 in		2	4	4	0			
25 c. c. bottlebotts	- 4	2	2	4	4	1 12		
trychninæ sulphas, 18 gms, in 25 c. c. bottle botts ulphonal, 324-mgm, tablets, 250 in 125 c. c. bottle botts		1	1 2	1 2	1 3	1		
ulphur lotum, 200 gms. in 250 c. c. w. m. bottlebotts		î	2	2	2			
hymol, 25 gms. in 25 c. c. bottle botts olutanum balsamum, 100 gms. in 125 c. c. w. m. bot-	1	1	1	1	1	1 3		
tlebotts		1	12	3	4	24		
rional, 60 gms in 125 c, c, w, m, bottle botts rotropin a 125 c, c, w, m, bottle botts		1 2	1 2	2 3	2 4	1		
included in 250 c. c. w. m. bottlebotts		2	2	4	4	1		
in 250 c. c. w. m bottlebotts duidum, in 125 c. c. bottlebotts	- 1	1 2	3	2 4	5	3		

ale, in 1-liter bottlebotts_	6	10	14	18	22	26
ystallized, in 250 c. c. bottlebotts_ , for generation of formaldehyde, in 1-liter		2	6	12	15	18
botts	4	8	16	24	32	40
ablets, 250 in 250 c. c. w. m. bottlebotts_	.2	2	3	5	10	12
ame, 600 gms, in 1-liter w. m. bottlebotts_	8	12	17	21	25	30
de solution (40 per cent), in 1-liter bottle botts orrosive chloride, 500 gms. in 250 c. c. w. m.	e.	10	15	20	24	24
botts.	1	2	3	4	5	6
'kilos_	10	15	20	25	30	35
7 c, c, bottlebotts_	4	6	10	12	14	16







U.S. Surgeon-general's office.

### MANUAL

FOR THE

## MEDICAL DEPARTMENT.

COMPILED UNDER THE DIRECTION OF THE SURGEON GENERAL.

PUBLISHED BY AUTHORITY OF THE SECRETARY OF WAR, FOR

USE IN THE ARMY OF THE UNITED STATES.

WASHINGTON:
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WAR DEPARTMENT,

Document No. 158.

Office of the Surgeon General.



The revision of the Supply Table contained in this edition of the Manual for the Medical Department has been prepared by a board of medical officers appointed by the Surgeon General of the Army in the following order:

> WAR DEPARTMENT, SURGEON GENERAL'S OFFICE, Washington, December 5, 1901.

A board for the revision of the Supply Table, as contained in the Manual for the Medical Department, edition of 1900, is hereby constituted to consist of the followingnamed medical officers:

Ted incuted officers:
Colonel William II, Forwood, Assistant Surgeon General, United States Army;
Major John Van R. Hoff, Surgeon, United States Army;
Captain Edward L. Munson, Assistant Surgeon, United States Army.

The board will meet at such times and places as may be most convenient, having in

mind the fact that the work should be expedited as rapidly as possible. Its recommendations will be submitted in writing to the Surgeon General.

(Signed) GEO. M. STERNBERG, Surgeon General, United States Armu.

The text of the Manual has been carefully revised by Colonel Charles Smart, Assistant Surgeon General, United States Army.

Approved May 10, 1902.

GEO. M. STERNBERG,

Surgeon General, United States Army.

WAR DEPARTMENT, May 12, 1902.

This Manual for the Medical Department is published for the information and guidance of all concerned; it will not be modified except by specific authority given in each case.

ELIHU ROOT. Secretary of War.

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## TABLE OF CONTENTS.

	ragraphs
Organization of the Medical Department	
Medical Officers	
Appointment of	
Army Medical School	
Assignment of Medical Officers	
Examinations for Promotion	
Chief Surgeons of Military Departments, duties of	
Duties of Medical Officers in the Field	17-2
Contract Surgeons	2
Contract Dental Surgeons	25-30
Hospital Corps	3
Ambulances, Litters, etc	. 40
Instruction in First Aid	_ 47,48
Companies of Instruction	_ 49
Detachments of Instruction	_ 5
Monthly Return of Hospital Corps	_ 5
Hospital Corps in Field Service	5
Sanitary Organization, Personnel, and Transportation for a Division of 18,00	0
Men	_ 6
Army Nurse Corps	_ 61-7
Male Nurses	7
Medical Service on Army Transports	
Hospital Buildings	
Army and Navy General Hospital	
General Hospital, Fort Bayard, N. Mex	
Hospital Matrons	
Service of Hospitals.	
Certificates of Disability	
Hospital Fund	
Medical Attendance	
Medical Supplies	
Requisitions	
Transfers	
Accountability	
Returns of Medical Property	
Unserviceable Property	
Use of Medical Property	
Vaccine Virus	
Disinfectants	
Sterilized Dressings	
Field Amiliances	

#### TABLE OF CONTENTS.

Use of Medical Property—Continued.	Paragraphs.
Window Curtains, Screens, etc.	140
Prescriptions	14
Artificial Limbs	148
Meteorological Instruments	
Ice Machines	150–158
Medical Books and Journals	
Abandonment of Posts	159, 160
Supply Depots	161, 169
Disbursing Officers	163
Army Medical Museum	
Reports and Returns	165-171
Information Slips	175
Blank Forms and Record Books	
Medical History of Post	175
Register of Patients	176-20f
Directions for Preparing	183-197
Field Register	198, 205
Report of Sick and Wounded	206-218
Nomenclature of Diseases	217-218
Examination of Recruits	219-243
Mode of Examining a Recruit	222-231
Reenlistments	232
Reports of Examination	233
Examination of Cadets and Cadet Candidates	234, 235
Outline Figure Cards	236-243
Geneva Convention	244
The Supply Table	245-345
General Supplies	245-287
Field Supplies	288-338
Supplies for Contract Dental Surgeons	339-340
APPENDIX.	
Obsolete Instruments, etc	346-383

### MANUAL FOR THE MEDICAL DEPARTMENT.

#### ORGANIZATION OF THE MEDICAL DEPARTMENT.

1. Extract from act of Congress, approved February 2, 1901:

SEC. 18. That the Medical Department shall consist of one Surgeon-General with the rank of brigadier-general, eight assistant surgeons-general with the rank of colonel, twelve deputy surgeons-general with the rank of lieutenant-colonel, sixty surgeons with the rank of major, two hundred and forty assistant surgeons with the rank of captain or first lieutenant, the Hospital Corps, as now authorized by law, and the Nurse Corps: Provided, Tha all vacancies in the grades of colonel, lieutenantcolonel, and major created or caused by this section shall be filled by promotion according to seniority, subject to the examination now prescribed by law: And provided, That the period during which any assistant surgeon shall have served as a surgeon or assistant surgeon in the Volunteer Army during the war with Spain or since shall be counted as a portion of the five years' service required to entitle him to rank of captain: And provided also. That nothing in this section shall affect the relative rank for promotion of any assistant surgeon now in the service, or who may be hereafter appointed therein, as determined by the date of his appointment or commission and as fixed in accordance with existing law and regulations: Provided further, That in emergencies the Surgeon-General of the Army, with the approval of the Secretary of War, may appoint as many contract surgeons as may be necessary, at a compensation not to exceed one hundred and fifty dollars per month. That on or after the passage of this Act the President may appoint for duty in the Philippine Islands, fifty surgeons of volunteers with the rank and pay of major, and one hundred and fifty assistant surgeons of volunteers with the rank and pay of captain, mounted, for a period of two years: Provided, That so many of these volunteer medical officers as are not required shall be honorably discharged the service whenever in the opinion of the Secretary of War their services are no longer necessary: Provided further, That assistant surgeons in the Volunteer Army of the United States commissioned by the President as captains, in accordance with the provisions of an Act for increasing the efficiency of the Army of the United States, and for other purposes, approved March

second, eighteen hundred and ninety-nine, shall be entitled to the pay of a captain, mounted, from the date of their acceptance of such commission, as prescribed by law: Provided, That the Surgeon-General of the Army, with the approval of the Secretary of War, be, and he is hereby, authorized to employ dental surgeons to serve the officers and enlisted men of the Regular and Volunteer Army, in the proportion of not to exceed one for every one thousand of said Army, and not exceeding thirty in Said dental surgeons shall be employed as contract dental surgeons under the terms and conditions applicable to army contract surgeons, and shall be graduates of standard medical or dental colleges, trained in the several branches of dentistry, of good moral and professional character, and shall pass a satisfactory professional examination: Provided, That three of the number of dental surgeons to be employed shall be first appointed by the Surgeon-General, with the approval of the Secretary of War, with reference to their fitness for assignment, under the direction of the Surgeon-General, to the special service of conducting the examinations and supervising the operations of the others; and for such special service an extra compensation of sixty dollars a month will be allowed: Provided further. That dental college graduates now employed in the Hospital Corps who have been detailed for a period of not less than twelve months to render dental service to the Army and who are shown by the reports of their superior officers to have rendered such service satisfactorily may be appointed contract dental surgeons without examination: Provided. That the Secretary of War be authorized to appoint in the Hospital Corps, in addition to the two hundred hospital stewards now allowed by law, one hundred hospital stewards: Provided, That men who have served as hospital stewards of volunteer regiments or acted in that capacity during and since the Spanish-American war for more than six months may be appointed hospital stewards in the Regular Army: And provided further, That all men so appointed shall be of good moral character and shall have passed a satisfactory mental and physical examination.

#### DUTIES OF THE MEDICAL DEPARTMENT.

See A. R. 1570.

#### MEDICAL OFFICERS.

#### APPOINTMENT OF MEDICAL OFFICERS.

See A. R. 1572. Candidates to be examined by a board.

A. R. 1573. No allowance made for expenses of candidates.

2. Appointments of assistant surgeons are made by the President, after the applicant has passed a successful examination before a medical examining board and has been recommended by

the Surgeon General. Permission to appear before the board is obtained by letter to the Secretary of War, which must be in the handwriting of the applicant, giving the date and place of his birth and the place and State of which he is a permanent resident, and inclosing certificates based on personal acquaintance from at least two reputable persons as to his citizenship, character, and habits. The candidate must be a citizen of the United States, between twenty-two and twenty-nine years of age in the case of a candidate applying for an appointment from civil life and between twenty-two and thirty-four years of age in the case of a candidate who has served honorably in the Army of the United States either as a commissioned medical officer of volunteers or as an acting assistant (contract) surgeon during the war with Spain or since. He must be of sound health and good character, and a graduate of some regular medical college, in evidence of which his diploma will be submitted to the board. The scope of the examination will include the morals, habits, physical and mental qualifications of the candidate, and his general aptitude for service; and the board will report unfavorably should it have a reasonable doubt in any of these particulars.

- 3. The physical examination must be thorough, and each candidate will be required to certify that he labors under no mental or physical infirmity or disability which can interfere with the efficient discharge of any duty which may be required. Errors of refraction, when not excessive, when unaccompanied by ocular disease, and when they can be corrected by appropriate glasses, are not causes for rejection.
- 4. The professional examinations are conducted by both written and oral questions, upon anatomy, physiology, chemistry, hygiene, pathology and bacteriology, therapeutics and materia medica, surgery, practice of medicine, obstetrics, and the diseases of women and children, together with examinations in medicine and surgery conducted at the bedside and on the cadaver.

Hospital training and practical experience in medicine, surgery, and obstetrics are essential. Candidates will be expected to present evidence that they have had at least one year's hospital experience, or the equivalent of this in practice.

5. To save unnecessary expense to a candidate desiring a preliminary physical examination, written authority may be given by this office for him to present himself at the nearest military post, garrison, or recruiting station for such examination. Any opinion given as to the result of such preliminary examination must, however, be considered as purely advisory and not as determining the subsequent action of an Army medical board in the case.

6. Candidates presenting a degree in arts, sciences (other than medicine) or literature, those who hold first-class teachers' certificates or who submit evidence of graduation from a reputable high school or similar institution (approved by the board), will not usually be examined in other than the professional subjects enumerated above. Should a candidate, during his professional examination by the board, present evidence of a deficiency in his general education in elementary subjects he may be required to undergo an oral examination in arithmetic, history, geography, literature, and physics, and such examination, if unsatisfactory, will be cause for his rejection.

Candidates claiming especial knowledge of the higher mathematics, ancient or modern languages, drawing, analytical chemistry, or branches of natural science, will be examined in those subjects as accomplishments and will receive due credit therefor according to their proficiency.

7. The merits of the candidates in each of the several branches, and also their relative merit as evinced by the results obtained from the entire examination, will be reported by the board, and in accordance with this report approved candidates will be appointed to existing vacancies, or to such as may occur within two years thereafter. A candidate failing in one examination may be allowed a second after one year, but not a third.

#### ARMY MEDICAL SCHOOL.

See A. R. 542. Organization of. A. R. 543. Course of instruction. A. R. 969. Inspection of.

8. By permission of the Surgeon General, medical officers of the Army who desire to avail themselves of the course of instruction, and who are stationed in or near the city of Washington, or who have a leave of absence which enables them to attend the course, may be admitted as student officers. 9. (a) The president of the faculty will be responsible for the discipline of the school.

(b) The junior professor will act as secretary, and will be re-

sponsible for all property pertaining to the school.

(c) A faculty meeting will be held in the office of the secretary on the first Monday of each month from October to April, inclusive, and whenever called by the president of the faculty or the Surgeon General.

(d) Resolutions adopted by the faculty relating to the course of instruction, the purchase of books and instruments, etc., will

be submitted to the Surgeon General for his approval.

- 10. The hours of instruction will be from 9 to 12 a m. and from 1 to 4 p. m., daily, during the months of November, December, January, February, and March, inclusive, with the exception of Saturdays, Sundays, legal holidays, and the week commencing December 25.
- (a) Student officers will be required to be present during the hours designated, unless specially excused by the president of the faculty or by orders from the War Department.
- (b) When necessarily absent on account of sickness or other emergency, student officers will, as soon as practicable, send a written statement to the secretary of the faculty, explaining the reason for such absence.
- (c) The laboratories and library of the Army Medical School will be open for the use of student officers during the hours of instruction designated.
- (d) Student officers will be held strictly accountable for all instruments and apparatus issued to them for their personal use during the course of instruction, and for any loss or injury to books or apparatus belonging to the Army Medical School, when such loss or injury is due to carelessness or neglect.
- (e) Student officers in the Army Medical School, during the hours of instruction, will wear the undress uniform of their grade, except when engaged in laboratory work, when a black cambric laboratory gown may be worn.
- 11. At the termination of the course of instruction the student officers will be examined by the several professors, and their relative proficiency in each branch will be reported by the president of the faculty to the Secretary of War, through the Surgeon General.

(a) The president of the faculty will submit to the Surgeon General, on or before the first day of May of each year, a detailed report of the condition of the Army Medical School, including an account of the instruction given and the proficiency of the several student officers, as shown by an examination made by each professor at the termination of his course.

#### ASSIGNMENT OF MEDICAL OFFICERS.

See A. R. 823. Made by order of the Secretary of War.

- 12. The number of medical officers assigned to duty at a post will, when practicable, be as follows: For a post having as its garrison a full regiment, three; for a post having as its garrison four companies, two; for a post having as its garrison less than four companies, one.
- 13. The Surgeon General will recommend the assignment, as attending surgeons in the principal medical centers of the United States, of medical officers who have not yet passed their examinations for promotion to a majority, and, so far as may be practicable, in the order of their seniority. These details will be made for one year only, in order that as many medical officers as possible may be enabled to avail themselves of the opportunities thus offered for making themselves familiar with the practice of the leading physicians and surgeons in this country, and of attending medical lectures, meetings of medical societies, etc. At the end of this tour of duty medical officers are required to make a detailed report to the Surgeon General, showing how much of their time has been occupied by their official duties, and to what extent they have availed themselves of the advantages offered for professional advancement.
- 14. Medical officers assigned to duty as attending surgeons and examiners of recruits will select an office hour between the hours of 10 a.m. and 4 p.m., and will remain in their offices during this hour, unless called away by an urgent professional engagement. They will inform all officers on duty, and all retired officers living in the city, of their residence address, of their office hour, and of any changes made in the same; also, of any leave of absence which may be granted them, and of the address of the physician who will attend to their duties while they are absent. They will be careful not to allow anything to interfere

with the proper performance of their duties as attending surgeon and examiner of recruits.

#### EXAMINATION OF MEDICAL OFFICERS FOR PROMOTION.

#### See A. R. 1572.

15. Examinations for promotion will be made by examining boards under the following heads: (1) Physical condition; (2)

character and professional efficiency.

(1) When the board finds an officer physically incapacitated for service, it will conclude the examination by finding and reporting the cause which, in its judgment, has produced his disability, and whether such disability was contracted in the line of duty. For the purpose of this inquiry the proceedings of the board will conform to those of a retiring board.

(2) When the board finds an officer physically capable, the examination will proceed under the second head. Any evidence submitted as to character will be carefully considered, and such action will be taken as, in the opinion of the board, the case may require; provided, that an adverse finding shall not be entered until the officer shall have been fully heard in his own behalf. The professional examination of officers not found physically disqualified will be proceeded with by written questions of a practical character, including the following topics:

Examination of Lieutenants.—(1) First aid and transportation of wounded; (2) hospital and Hospital Corps administration; (3) Army Regulations, so far as they relate to the Medical Department or to the medical officer as an officer of the Army; (4) general and military hygiene; (5) recent progress in medicine and surgery; (6) subjects in which the officer may have been

conditioned at his examination for appointment.

Examination of Captains.—(1) Army Regulations, so far as they relate to the Medical Department or to the medical officer as an officer of the Army; (2) general and military hygiene; (3) clinical medicine, and recent progress in etiology, pathology, and therapeutics; (4) surgery and gynecology, including new operative procedures.

The board will report its recommendation of an officer for promotion in the following form: "We find that —— has the physical, moral, and professional qualifications to perform

efficiently all the duties of the grade to which he will next be eligible, and recommend him for promotion thereto."

The questions and answers of the written examination will be transmitted with the proceedings of the board. Each record must be signed by every member and by the recorder, and must show the concurrence or nonconcurrence of each member in the opinion of the board. When the board fails to recommend a candidate for promotion, the record should state the cause of such failure. The proceedings will be forwarded to the Surgeon General for the final action of the Secretary of War.

#### CHIEF SURGEONS OF MILITARY DEPARTMENTS.

See A. R. 214. Detailed by the Secretary of War.

16. The duties of chief surgeons of military departments are to advise the department commander on all matters connected with the sanitary condition of posts in the department and the improvement of the health of the command, and act on the recommendations made by surgeons of posts in their monthly sanitary reports.

To recommend to the department commander the discharge from service on surgeon's certificate of all soldiers found unfit for duty on account of physical disability.

To act on estimates for hospital construction and repairs, and for repairs and construction of hospital stewards' quarters.

To act on applications to submit unserviceable medical property for the action of an inspector, and on inventory and inspection reports for the proper disposition of said property.

To examine requisitions for medical and hospital supplies and make such changes as may be deemed necessary, and in cases of emergency not admitting of delay, to send requisitions to the nearest supply depot for issue, or to authorize local purchase.

To report every violation of A. R. 1637, requiring that hospital property shall not be used for other than hospital purposes.

To authorize enlistments for, and supervise the instruction of, members of the Hospital Corps; to detail privates of the Hospital Corps as acting hospital stewards after examination; to recommend to the department commander the transfer of members of the Hospital Corps to meet the requirements of epidemics or other emergencies and to fill vacancies, and when making an inspection of a post to examine the members of the Hospital

Corps as to their efficiency in the ambulance and litter bearers' drill and the methods of rendering first aid to the wounded.

To regulate the disbursements from the hospital fund in the interest of the sick, and examine the hospital fund statement received from each post in the department before approval.

To examine the monthly reports of sick and wounded received from surgeons at stations in the department, and to compile from them the statistics required for the chief surgeon's report made at the end of the fiscal year.

To act upon applications for sick leave for officers, sick furloughs for enlisted men, and furloughs for members of the Hospital Corps.

To act on accounts for medical attendance and medicines furnished by a civilian physician, in the absence of a medical officer of the Army, to officers and enlisted men on duty, and also on accounts for medical supplies purchased for, or services rendered to, the Medical Department.

To make to the Surgeon General of the Army a monthly return of medical officers, contract dental surgeons, physicians under contract, and members of the Hospital Corps and of the Army Nurse Corps, serving in the department.

To act on all papers in any way connected with the Medical Department of the Army which are referred to the chief surgeon for necessary action.

Whenever it is evidently necessary, the chief surgeon should apply to the department commander for an order to inspect the posts in his department. He should keep himself thoroughly informed upon the following subjects relating to the command:

1. Sanitary condition.

2. Care of sick.

3. Efficiency of medical officers.

4. Management of the hospitals.

 Instruction, discipline, control, and efficiency of Hospital Corps and trained nurses.

6. Quality, quantity, and care of medical supplies.

7. Condition of hospital buildings and stewards' quarters.

8. Condition of medical field equipment.

Chief surgeons will keep and turn over to their successors the following record books: Letters received, letters sent, indorsements, and orders; also complete files of orders, circulars, requisitions, records of medical officers, returns of the Hospital Corps, and reports received.

#### MEDICAL OFFICERS IN THE FIELD.

17. The title of the senior medical officer of an army in the field is "medical director general"; of a corps, "chief surgeon"; of a division, "division surgeon"; of a brigade, "brigade surgeon"; of a regiment, "regimental surgeon"; the senior medical officer of a field hospital or ambulance company, "commanding field hospital, No. —," or "ambulance company, No. —."

18. The chief surgeon of a corps is held responsible for the proper and effective management of the medical service of the command.

He should keep a register of the medical officers and Hospital Corps, making assignments and issuing orders and instructions with the approval of and "By order" of the General Commanding, if authorized to do so. He should make himself acquainted with the sanitary conditions affecting the troops, the efficiency of the field hospitals and of the ambulance companies, and should call for weekly numerical reports of sick and wounded and of the personnel and means of transportation of the Hospital Corps. All reports and papers not requiring special action should be checked off and receive the stamp of his office before transmittal. Such papers include personal reports of medical officers, monthly reports of sick and wounded, of the Hospital Corps and of the hospital fund, and sanitary reports from chief surgeons of brigades and divisions; also the lists of wounded called for after an engagement. A copy of the action taken on all papers referred to him or forwarded by him should be made in an Such papers include those relating to indorsement book. resignations, leave of absence or discharge on account of disability, requisitions for medical and hospital and Hospital Corps supplies, and all recommendations or complaints referring to the medical service or affecting the health and well-being of the troops. Copies of orders and letters should be made and placed on file, and all circulars or orders from the Surgeon General or the director general of the army should be published without delay to the division surgeons.

Prior to a movement, the chief surgeon should verify, by personal inspection or medical inspector, the condition of the hospitals and of the Ambulance companies, and their trains, and should make all the arrangements needful for the probable exigencies of the campaign. He should see that the assignments by division

surgeons to positions on the operating staff of the field hospitals include the best surgical skill of each division. On the march he should accompany the staff and acquaint himself with the topography of the country; and when an engagement is imminent he should indicate to division surgeons the localities best suited for the establishment of the field hospitals. He should inspect these from time to time, and exercise general supervision over the first-aid, ambulance and dressing stations and the movement of the wounded to the hospitals. When absent on such duties he should leave a competent medical officer with the staff to represent him and to inform him of important changes in the military conditions. The commanding general should be kept informed of the work of the Medical Department, and should always be consulted in matters of importance.

19. The division surgeon supervises the medical and Hospital Corps service of the division. He should transmit official reports and papers, with the stamp of his office if routine in character, or with his views indorsed thereon if the subject appears to call for this action. He should have frequent personal communication with the chief surgeon of the corps, and should endeavor to carry out the views of the latter on behalf of the troops. His usual position is with the staff, but he should make frequent visits to the division hospitals and the ambulance companies to oversee their work. He should detail one medical officer in rotation as officer of the day, who, on the march, should keep him informed of any noteworthy occurrence, and who, in camp, should visit each regiment of the division to report on its hygienic and sanitary conditions. Before an engagement he should see that the field hospitals are properly established and that the operating surgeons and their assistants are at their proper stations. During and after the engagement he should supervise the movement of the wounded from the ambulance and dressing stations to the hospital.

20. The brigade surgeon is the adviser of the brigade commander in all medical and sanitary questions concerning the command. He should call for a weekly (or daily, as may be required) report of sick and wounded from regimental surgeons and of the detailed members of the Hospital Corps on duty with them. He should forward the formal reports of these surgeons, and promulgate orders from brigade and higher authorities. He

should keep careful watch over the health of the brigade, reporting in writing from time to time, as may be required, and consulting in emergencies with the division surgeon. During and after an engagement he should supervise the work at the regimental aid stations and the removal of the wounded to the ambulance stations, unless on account of his superior ability he has been assigned to duty at the operating tables, in which case a competent officer should be detailed to represent him temporarily on the staff of the brigade.

- (a) The brigade surgeons of a division constitute a board for the examination of all men of the division recommended for discharge on surgeon's certificates of disability or furlough on account of sickness and all invalid officers.
- 21. The regimental surgeon is, in sanitary matters, the adviser of the regimental commander. On the march and in camp he should examine the sick with a view to their proper treatment and disposition. He is responsible for any unexpendable medical and hospital property issued for the use of the regiment. His supplies of medicines, etc., should be renewed by requisition on the surgeon commanding the field hospital. Daily, after sick call, he should send a morning report of sick and wounded and of the Hospital Corps to the regimental commander, with a duplicate to the brigade surgeon. He should keep, as a register of sick and wounded, a retained copy of the monthly report forwarded through the offices of chief surgeons to the Surgeon General; cases treated in the field hospitals should be borne on this report as completed. (See par. 199.) He should forward monthly, or when his official station has been changed, a personal report on a memorandum slip. After every engagement a list of wounded of the command should be forwarded. If the regimental surgeon is, by order of the chief surgeon, placed on temporary special duty, the senior medical officer with the command will perform the duties of the regimental surgeon. During an engagement he should serve at the regimental aid stations.
- 22. The surgeon in command of a field hospital is responsible for the care of the sick and wounded on the march and in camp, and for the comfort and general welfare of the wounded when brought to the hospital by the ambulance service. He should direct the unpacking of the wagons for the establishment of so much of the hospital as may be necessary, and the subsequent repacking when the march is to be resumed. He should

superintend the admission, return to duty, or transfer to base hospitals, of his patients. As commanding officer of the Hospital Corps detachment he should keep the accounts of the enlisted men on duty at the hospital. He should make timely requisition for medicines, medical and hospital stores, supplies, and property, for the care, expenditure, and use of which he is held responsible. He should supply regimental and other medical officers of the command with such articles as may be required and are available for the treatment of the sick. He should send a daily report of sick and wounded and of the Hospital Corps to the chief surgeon, and forward to the Surgeon General similar reports for the month, with a statement of the hospital fund. After an engagement he should forward lists of wounded, and on sending patients to base hospitals he should furnish transfer lists to the senior surgeon accompanying them. Medical officers will be assigned to assist him in the management of the hospital. One of these should act as executive officer, aiding the surgeon in charge in the work of supervision, and having special charge of the records. Another should superintend the cooking and diet of the hospital, drawing rations from the Subsistence Department, issuing them for use, and keeping the accounts of the hospital fund. He should also have special charge of the hospital stores and of such articles of property as are connected with the cooking and serving of food. Others may be assigned as attending surgeons to care for the sick on the march and in camp, and during an engagement to look after the management of the wards, and to make notes of operative procedures, deaths, and of the progress of cases, for subsequent report to the surgeon in command and entry on the records of the hospital.

(a) A line officer will be detailed as quartermaster of the field hospital.

23. The officer in command of the ambulance company is charged with the care of the pay, clothing, and subsistence of his men, and is held responsible for the care of ambulances and other wagons, tents, horses, mules, forage, etc. His subaltern officers assist him in the discharge of these duties. During and after an engagement he is responsible for the safe and speedy transportation of the wounded on litters and in ambulance wagons from the field to the hospital by way of the regimental aid and ambulance and dressing stations, which latter he should organize.

(a) A line officer will be detailed as quartermaster of the ambulance company.

#### CONTRACT SURGEONS.

See A. R. 1574. Allowances of,

A. R. 1242, 1244. Allowance of baggage for.

A. R. 1670. Chief surgeons to make return of.

A. R. 1575. Entitled to respect and obedience from enlisted men.

A. R. 1576. Notation of annulment of contract.

A. R. 1459, Payments to.

A. R. 1426. Sales of subsistence stores to.

A. R. 1577. Services and duties of.

- 24. A contract with a private physician for the performance of the duties of a medical officer agreeably to Army Regulations is made in quadruplicate; two copies to be forwarded to the Surgeon General for his action and record, one copy to be given to the physician to be contracted with, and one copy to be retained by the officer making the contract. Accounts arising under this contract are paid by the Pay Department. Contracts made by the Surgeon General, or the chief surgeon of a military department or army in the field, will be annulled only by the direction of those officers.
- (a) A contract surgeon will wear the dress, white, and service uniforms of an assistant surgeon without shoulder straps; ornaments to be silver or bronze, the letters C. S. replacing the coat of arms of the United States.

#### CONTRACT DENTAL SURGEONS.

See A. R. 1574. Allowances of.

A. R. 1574, 1578, 1579. Appointment of.

A. R. 1588. Appointments for treatment.

A. R. 1580, 1581. Assignments of.

A. R. 1581. Assistants to. A. R. 1587. Daybook.

A. R. 1581-89. Duties of.

A. R. 1961-69, Duties 01,

A. R. 1586. Emergency work.

A. R. 1583, 1587, 1588. Enlisted men, work for.

A. R. 1578. Examinations of.

A. R. 1583. Families of officers and enlisted men not entitled to services of.

A. R. 1581. Hospital Corps men as assistants to.

A. R. 1584. Hours of official work.

A. R. 1582. Instruments for.

A. R. 1586. Materials for.

A. R. 1576. Notation of annulment of contract.

A. R. 1583. Officers, work for,

A. R. 1585, Operations.

A. R. 1459. Pay of.

A. R. 1583. Persons entitled to their services.

A. R. 1589. Reports of.

A. R. 1426. Sales of subsistence stores to.

25. Candidates for the position of contract dental surgeon are required to pass a rigid physical examination, and those who do

not possess the required physical qualifications will not be permitted to enter upon the professional examination. The latter examination embraces both theoretical knowledge and practical operative and prosthetic dentistry; particular stress being laid upon clinical examination in practical work. The examination includes the following subjects:

#### THEORETICAL (WRITTEN AND ORAL).

Anatomy. Physiology. Histology. Physics. Chemistry. Metallurgy. Dental materia medica and therapeutics. Dental pathology and bacteriology. Orthodontia. Oral surgery. Operative dentistry, theory. Prosthetic deutistry, theory.

Dental anatomy and physiology.

#### PRACTICAL (CLINICAL).

Operative dentistry.

Prosthetic dentistry.

An average of 75 per cent is required in each subject of the theoretical examination, and 85 per cent in the practical examination.

(a) Examinations will be authorized only when necessary to fill vacancies. Selected candidates will, in this event, be invited to present themselves to the examiner stationed nearest to their respective places of residence. No allowance can be made for the expenses of persons undergoing examination, no public funds being available for such purpose.

26. The register of dental operations for any station should have its cases numbered consecutively, indefinitely, and the report of dental operations should contain full transcripts of its cases for the month rendered. The register number pertaining to a soldier's last prior treatment should be entered over the number to his current admission for convenience of reference. When the station of a dental surgeon is changed he will continue the use of the register at the new station, if one has been kept at that place, or if not, he will open a new register.

27. Contract dental surgeons have no official relation to the surgeon of the post, neither have their enlisted assistants detailed under the provisions of paragraph 1581 of the Regulations, except that they may occasionally be attached to the Hospital Corps detachment for rations and quarters. Dental assistants are regarded as being under special instruction eight hours daily, during which the dental surgeon is on duty, and will not be required to attend other instructions.

- 28. Contract dental surgeons and their enlisted assistants will be mustered on a muster roll which the contract dental surgeon will sign.
- 29. Should it for any reason be necessary to recommend the excuse from duty of an officer or enlisted man on account of dental disease the contract dental surgeon will report the case to the surgeon of the post, who will take it up on his register of sick and wounded, but in other cases no report of dental operations will be made except by the contract dental surgeon.
- 30. Contract dental surgeons have no prescribed full dress uniform, their dress, service, and white uniforms will be the same as those prescribed for contract surgeons, using the block letters "D.S." in place of the coat of arms of the United States of medical officers.

#### HOSPITAL CORPS.

- See A. R. 9. Military rank of hospital stewards and acting hospital stewards.\*
  - A. R. 1232, 1242. Travel of hospital stewards.
  - A. R. 1590. Hospital and ambulance services.
  - A. R. 1591. Promotion of members.
  - A. R. 1592. Reenlistment of hospital stewards.
  - A. R. 1593. Personal reports of hospital stewards.
  - A. R. 1033, 1594. Hospital stewards not to be reduced; reduction of acting hospital stewards.
  - A. R. 1595. See paragraph 37 infra.
  - A. R. 1595½. See paragraph 38 infra.
  - A. R. 125, 1596. Transfers from the line, etc. See paragraph 39 infra.
  - A. R. 1597. Enlistments and reenlistments.
  - A. R. 1598. See paragraph 43 infra.
  - A. R. 1599. See paragraph 44 infra.
  - A. R. 1600. Married men not to be enlisted.
    A. R. 1601, 1628. Inspection, muster, and duties of.
  - A. R. 1602. Transfers by department commanders to meet emergencies.
  - A. R. 1603. Pay and clothing accounts kept by surgeon.
  - A. R. 1604. Equipment of. See paragraph 45 infra.
  - A. R. 1605. Allowance of noncommissioned officers at posts.
  - A. R. 1606. Allowance of privates at posts.
  - A. R. 1607. Allowance of, at general hospitals, arsenals, etc.
  - A. R. 1609, Instruction of.
  - A. R. 1610-15. Garrison service of.
  - A. R. 1616-20. Field service of.
- 31. Applications for the position of hospital steward and acting hospital steward must be accompanied by an affidavit that the applicant is not married, and be forwarded through military channels.

<sup>\*6.</sup> O., No. 39, A. G. O., 1902, amends this regulation by grading the acting hospital steward as follows: Sergeant, quartermaster sergeant, company; stable sergeant, battery; acting hospital steward.

32. The examination for the positions of acting hospital steward and hospital steward will be both oral and written. board will investigate and report upon the following: (1) Physical condition; (2) character and habits, especially as to the use of stimulants and narcotics: (3) discipline and control of men: (4) knowledge of Regulations; (5) nursing; (6) dispensary work; (7) clerical work: (8) principles of cooking and mess management: (9) Hospital Corps drill: (10) minor surgery and first aid, including extraction of teeth. Caudidates for the position of acting hospital steward will be required to prepare a full set of papers pertaining to the Medical Department, and to drill a detachment of the Hospital Corps sufficiently to demonstrate their thorough knowledge of the drill regulations. The written examination will embrace the following subjects: (1) Arithmetic: (2) materia medica: (3) pharmacy: (4) care of sick and ward management: (5) minor surgery and first aid; (6) elementary hygiene. Ten questions will be asked in each subject. Proficiency in penmanship and orthography will be estimated from the papers submitted.

The questions for use in the written examination for hospital steward will be sent from the office of the Surgeon General. Those in the examination for acting hospital steward will be sent from the office of the Surgeon General or of the chief surgeon. Chief surgeons will prepare the questions for the candidates in their respective departments, and will forward to the Surgeon General a copy of the questions for the written examination of acting hospital stewards and of the report of the board, together with their action noted thereon.

In the examination for hospital steward the replies certified to by the board as having been made without recourse to books, memoranda, or other sources of assistance will be forwarded with the report of the board direct to the Surgeon General, in whose office the papers in the hospital steward examinations will be marked. In the examination for acting hospital steward the board will mark the papers before forwarding them to the chief surgeon or the Surgeon General, as the case may be, submit the same certificate, and report as to the eligibility of the candidate. The examination for both grades will embrace the same subjects, but that for acting hospital steward will be less difficult.

33. Medical officers will not make enlistments or reenlistments for the Hospital Corps without obtaining special authority from the Surgeon General or chief surgeon. Chief surgeons are authorized to enlist for the Hospital Corps up to the regular allowance of their respective departments without reference to the Surgeon General. They may also authorize reenlistment of privates and acting hospital stewards serving within their departments. Contract surgeons can not make enlistments as the oath should be administered by a commissioned officer.

- (a) Slight physical defects in applicants, which, under existing orders, would disqualify for the line, but would not interfere with the full performance of the duties of a member of the Hospital Corps in garrison or in the field, may be waived, provided authority therefor has been obtained from the Surgeon General. An excessive refractive error (A. R. 1597) is defined to be one exceeding  $\frac{1}{20}$ .
- (b) Note should be made on the enlistment paper of any special knowledge professed by applicants, as of cooking, gardening, or of a trade or other useful occupation. Those applicants who have graduated in pharmacy, or who have been licensed by State boards of pharmacy, should submit proof thereof, by diploma or otherwise. Trained nurses, or those who have served as such in civil hospitals, should present certificates of their training or service.
- 34. The duties of hospital stewards and acting hospital stewards are to nurse or supervise the nursing of the sick; to compound and administer medicines: to look after and distribute hospital stores and supplies, to supervise the preparation and serving of food; to care for hospital property; to maintain discipline in hospitals and watch over their general police; to prepare reports and returns; to supervise the duties and assist in the instruction of the members of the Hospital Corps in hospital and in the field, and to perform such other duties as may, by proper authority, be required of them.
- 35. A reexamination before first reenlistment as hospital steward may not be required if the surgeon of the post and chief surgeon state that the steward has performed his duties efficiently, but will be held before second reenlistment. No subsequent reexaminations will ordinarily be required.
- 36. In stating "character of the soldier, in detail," on the descriptive list of a member of the Hospital Corps transferred from one station to another, in addition to his general character as usually given, his habits as to sobriety and his attention to

duty will be noted, adding, in case of a hospital steward or acting hospital steward his ability to command men, and in case of a private his special qualification as nurse, cook, etc. In noting physical condition on descriptive list, any important defects will be mentioned. In each case of transfer from a company or detachment of instruction a special report of results of instruction will be made, on information slip, to the surgeon of the new station, to be forwarded to him through the chief surgeon, or when the assignment is to a post reporting direct to the War Department, through the Surgeon General. The following order will be used, estimating each item on the basis of a maximum of 10: (1) Discipline; (2) nursing; (3) first aid; (4) drill; (5) cooking; (6) pharmacy; (7) clerical work; (8) field work; (9) care and management of animals.

37. Paragraph 1595, A. R., as amended by G. O., 160, A. G. O., 1901, is as follows:

Subject to the approval of the Secretary of War, hospital stewards will be appointed by the Surgeon General of the Army; privates of the Hospital Corps will be detailed as acting hospital stewards by the Surgeon General or by the chief surgeon of the division, or department, or army with which they may be serving: Provided, however, That the allowance of hospital stewards and acting hospital stewards as fixed by existing regulations shall not be exceeded except by special authority of the Secretary of War.

38. Paragraph 1595½, A. R. (G. O., 139, A. G. O., 1901), is as follows:

To test the capacity of privates of the Hospital Corps for the duties of noncommissioned officers the Surgeon General and chief surgeons may appoint lance acting hospital stewards, who will hold such appointment not to exceed three months and will be obeyed and respected as acting hospital stewards. The appointments, with the approval of the Surgeon General or chief surgeon, may be renewed for three months, but no detachment shall have more lance acting hospital stewards at a time than enough to make the proportion of all noncommissioned officers present for duty one to four privates of the Hospital Corps. Lance acting hospital stewards are on the same footing regarding reduction as acting hospital stewards. A lance acting hospital steward will wear the uniform of a private with a chevron having one bar of braid.

**39.** A. R. 1596, amended by G. O., 140, A. G. O., 1901, is as follows:

The commander of an army corps, or of a division or brigade acting independently of a corps, is charged with the full control.

of the transfer from the line, the enlistment, reenlistment, and discharge of members of the Hospital Corps of his command.

- 40. When it is necessary to employ members of the Hospital Corps on guard duty at posts at which no other troops are stationed, or when serving in the field during war with uncivilized people, or when left with sick and wounded under circumstances which justify the expectation that their rights as noncombatants, under the Geneva Convention, will not be recognized, the issue of firearms to them is authorized. Otherwise no arms will be issued to members of the Hospital Corps except for purposes of instruction. (A. R. 1620.)
- 41. When a member of the Hospital Corps whose descriptive list has not been received is transferred elsewhere, or when request is made for the descriptive list of a former member of the Hospital Corps detachment and no descriptive list has ever been received in the case, the medical officer will forward a transcript of the soldier's record in the clothing and descriptive book, stating the amount of clothing drawn, amount due for ordnance, stoppages by sentence of court-martial, and any other facts, including payments made to soldier, which should be known in order that the man's status may be thoroughly understood. If no clothing has been drawn, no ordnance charged, or no stoppage made by sentence of court-martial, the facts should be distinctly stated. If a transcript has been received instead of a descriptive list from the former commanding officer of the man. the facts contained in this should be embodied in the new transcript. In such cases the charges against the soldier should be entered separately for each period covered by transcripts. For purposes of identification and to facilitate further inquiry, the man's own statement as to enlistment and as to his service and the pay and clothing drawn for the time not covered by transcripts will be briefly recorded. Transcripts will be prepared in duplicate; one copy will be forwarded to the officer requesting descriptive list and one copy to the Surgeon General. In case inquiry for the descriptive list is made by the Surgeon General. one copy will be sufficient.
- 42. Acting hospital stewards and privates of the Hospital Corps, when serving at posts or stations where there are troops of but one arm of the service, will have the same allowance of clothing as a corporal of the arm of the service with which they

are on duty. When serving at posts where there are troops of more than one arm of the service, they will have an allowance of clothing equal to the highest allowance received by any corporal serving at the same post or station. When serving at posts or stations at which no troops of any other arm of the service are on duty, they will have an allowance of clothing equal to the allowance of a corporal of the arm of the service receiving the highest allowance.

Bleached cotton duck clothing is provided for men of the Corps on ward duty.

To each enlisted man of the Corps who is entitled to wear service chevrons two pairs of such chevrons will be issued per annum free of charge.

43. Paragraph 1598, A. R., as amended by G. O., 160, A. G. O., 1901, is as follows:

The enlistment paper for each recruit of the Hospital Corps will be forwarded with the form for physical examination direct to the Surgeon General, who will render to the Adjutant General of the Army a monthly recruiting return accompanied by the enlistment papers pertaining to it.

44. Paragraph 1599, A. R., as amended by the order last mentioned, is as follows:

Enlisted men of the line, musicians excepted, may be transferred to the Hospital Corps as privates by the department commander on the application of the surgeon of the post or command, forwarded through military channels. The application will state the age, character, physical condition, and habits of the soldier, date of expiration of current enlistment, and whether made for an existing or prospective vacancy. If the soldier be over 40 years of age his special qualifications for transfer will be stated.

**45.** Paragraph 1604, A. R., as amended by G. O., 140, A. G. O., 1901, reads as follows:

All members of the Hospital Corps will be equipped with canteen complete, haversack complete, tin cup, waist belt and plate, one-half shelter tent complete, and the privates also with Hospital Corps pouch and litter sling. This equipment will be issued to the man, charged to him on the descriptive book, and when station is changed will be noted on the descriptive list, dropped from the property returns by the responsible medical officer, and taken up by the medical officer to whom the man reports, both of whom will notify the respective departments to which the property pertains accordingly.

## AMBULANCES, LITTERS, ETC.

See A. R. 238. Ambulance flags.

A. R. 1610. Authorized uses of ambulances.

A. R. 1611. Allowance of, at posts.

A. R. 1612. Appointment and duties of ambulance drivers. See paragraph 46 infra.

A. R. 1613. Litters for company use.

A. R. 1614. Issue of travois, mule litters, etc.

A. R. 1615. Inspection of.

**46.** Paragraph 1612, A. R., as modified by G. O., 140, A. G. O., 1901, reads as follows:

At each post one or more of the privates of the Corps will be designated by the surgeon as ambulance driver. In addition to his other duties, he will care for the ambulance, its equipment and harness, and see that they are always in readiness for immediate use. In the field he will care for the animals. When it is necessary to use the ambulance for any transportation purposes, the commanding officer, on the application of the surgeon, will see that the requisite animals are provided by the quartermaster and placed at the disposal of the surgeon.

## INSTRUCTION IN FIRST AID.

See A. R. 1608. To all enlisted men of the line. A. R. 1609. To men of the Hospital Corps.

- 47. The instruction necessary to enable company officers to drill the enlisted men in their companies "in the duties of litter bearers and methods of rendering first aid to the sick and wounded" will be given chiefly by practical demonstrations, made in their presence. The prescribed drills of the detachment of the Hospital Corps will be utilized for this purpose, especial attention being given to the instruction in first aid. The practical demonstrations, accompanied by full explanations, should include methods of arresting hemorrhage, of applying the dressings contained in the first-aid packet; of immobilizing a fractured limb, of resuscitating those apparently drowned, etc., and should be supplemented by lectures designed to convey all essential information with reference to the anatomy of bones and blood vessels: the causes and treatment of syncope and of heat exhaustion: the differential diagnosis and treatment of sunstroke; the rationale of the various measures of first aid to the sick and wounded, etc.
- 48. The instruction required under paragraph 1609, A. R., will be in the subjects prescribed in paragraph 32 of this Manual. The course of instruction will be under the supervision of the

senior medical officer, and ordinarily all the medical officers and noncommissioned officers will act as instructors in assigned subjects.

One hour daily, except Saturday, Sunday, and legal holidays. should be devoted to instruction in the prescribed subjects, including exercises in Drill Regulations, Hospital Corps, particularly with the loaded litter. Inspection of the detachment, as laid down in paragraphs 177-183. Drill Regulations, Hospital Corps. will be made on Saturday, as required in paragraph 296, A. R. A record of instruction will be kept in which will be noted the names of the instructors, the subject and date of instruction, and the names of the men. The value of each man's recitation in each subject will be marked on a maximum of 10, and the average of all marks will determine his class standing for the month. All absence for any cause will be noted, and when excused, the reason and authority will be stated. If an outdoor exercise be prevented by weather conditions, it should be substituted by indoor instruction, and when, for any pressing reason, any day's instruction shall be suspended, the cause will be noted.

The text-books usually employed in the instruction of the Hospital Corps are Army Regulations; Manual Medical Department; Drill Regulations, Hospital Corps; Handbook, Hospital Corps (Smart); First Aid (Pilcher); Nursing (Weeks); Army Cook Book, U. S. Dispensatory, and Pharmacy (Remington).

A report of instruction in detail will be rendered monthly to the chief surgeon through the commanding officer.

## COMPANIES OF INSTRUCTION.

49. Companies of instruction, Hospital Corps, will be established at such points as may be directed by the Secretary of War.

The permanent cadre of such company shall consist of two commissioned medical officers, two hospital stewards, eight acting hospital stewards, and six privates of the Hospital Corps; and the noncommissioned officers may be increased by such number as may be necessary, not to exceed the regulation allowance. (Par. 1605, A. R.)

The personnel under instruction shall consist of such number of recruits, uninstructed privates, and prospective noncommissioned officers as the Surgeon General may determine, and these men will, when practicable, remain under instruction for four

months. Casuals may be attached to such companies and, if already instructed, will be available for immediate detail.

The curriculum shall consist of theoretical and practical courses prescribed by the Surgeon General.

The discipline and interior economy of companies of instruction, Hospital Corps, will, so far as practicable, conform to those of a company of infantry.

# DETACHMENTS OF INSTRUCTION.

50. A detachment of instruction, Hospital Corps, will be established in each military department, at such post and of such strength as may be directed by the Secretary of War, the object of which is to provide an emergency reserve under the immediate control of the department commander and the chief surgeon.

The curriculum shall consist of theoretical and practical courses prescribed by the Surgeon General.

## MONTHLY RETURN OF THE HOSPITAL CORPS.

- 51. The names of all men of the Hospital Corps present with, absent from, or assigned to the detachment during the month, including those newly enlisted, will be entered upon the face of the return in the following order:
- 1. All those belonging to the detachment on the last day of the return, whether present or absent. (Those assigned will be taken up from date of receipt of order, whether they have or have not joined.)
- 2. All those who have ceased to belong to the detachment since last return, e. g., by change of station, discharge, death, descrition, etc. Temporary absence, as on detached service, furlough, in hands of civil authorities, etc., will not be reported as a loss.
- 3. All Hospital Corps men belonging to other posts or stations, temporarily attached to the detachment for quarters and rations, etc., or as general prisoners, or for treatment, etc., should be noted, and their status fully explained in Column VI.
- (a) This return will be rendered monthly, and must show the total present and absent up to midnight of the last day of the period, casualties occurring on that day being entered among the losses. It should be made out in duplicate and mailed within five days after the expiration of the period covered by it—

one copy direct to the Surgeon General and one to the chief surgeon. Upon the breaking up of the detachment, a final return should be made showing the distribution of the members of the Corps so far as known. All changes in the status should be reported by information slip to the chief surgeon on the day of the change, except those at general hospitals, arsenals, and other independent stations or commands reporting directly to the War Department, which will be reported to the Surgeon General. In Column III the duty of a private should be stated, as ward master, nurse, cook, attendant, ambulance driver, or, in the field, as orderly. In Column IV the number of hours each man was instructed should be given. In Column V the average of all marks in the course of instruction given to each man during the month should be stated.

In Column VI should be noted:

- 1. The special duties performed by each attendant.
- 2. The date of joining the detachment, which should be that on which the man reported in person.
- 3. In case of sickness, the date of admission to sick report and of return to duty, but the cause need be stated only when the sickness is due to vicious or immoral habits, or not contracted in the line of duty.
- 4. In case of furlough, the authority therefor, duration, date of departure and return.
- 5. Arrests, confinements, trials, and sentences by courts-martial, and in cases of desertion, the facts as to apprehension, surrender, sentence, discharge, etc.
- 6. The cause of retention, when an individual is retained in the service beyond the period for which he was enlisted.
- 7. Dates and places, numbers, dates and sources of orders, or description of authority (with extreme care).
- 8. In case of discharge: First, character; second, objections to reenlistment—if none, it will be so stated; third, physical condition, good or bad; fourth, single or married; fifth, remarks, if any. (This should also be included in the information slip required, supra.)
- (b) All entries should be made with black ink in a plain and legible manner. The use of stamps and colored inks is prohibited, as is also the mutilation of the sheets of this return. It

one line or one sheet is insufficient, a second should be used. Interlineations should be avoided.

- (c) Names of hospital matrons will be arranged alphabetically and entered on the back of the return. In cases of immediate succession, the new appointment should take effect from the day following the occurrence of the vacancy.
- (d) The number of each serviceable article of field equipment on hand must be stated. Articles supplied by the Quartermaster's Department, if retained in the possession of that Department, should be specifically assigned to the field hospital, reported on the back of this return, and used by it whenever necessary.

## HOSPITAL CORPS IN FIELD SERVICE.

See A. R. 1616. Strength of Corps. See paragraph 52 infra.

A. R. 1617. Mounts for. See paragraph 53 infra.

A. R. 1618, Uses of ambulances. See paragraph 54 infra.

A. R. 1619. Sick or wounded men accompanied from the field by Hospital Corps.

A. R. 1620. Issue of firearms to Hospital Corps.

Paragraphs 1616 and 1618, A. R., amended by G. O., 140, and paragraph 1617, by G. O., 160, A. G. O., 1901, read as follows:

- **52.** 1616. In field service, troops will be accompanied by such number of men of the Hospital Corps as may be determined by the military commanders, on the recommendation of the senior medical officer.
- 53. 1617. On the march each medical officer will habitually be attended by a mounted private of the Hospital Corps. Hospital stewards, acting stewards, and at least one private of the Corps in each separate command will be mounted when serving in the field, and all privates of the Corps will be mounted when serving with mounted commands. Horses will be furnished by the Quartermaster's Department and horse equipments by the Ordnance Department for members of the Corps on duty in the field when practicable. When no horses are available special application for authority to hire must be made.
- 54. 1618. Ambulances will be used for the transportation of the sick and injured, the instruction of the Hospital Corps, and, in urgent cases, for the transportation of medical supplies, and all persons are prohibited from using them, or requiring or permitting them to be used, for any other purpose. It shall be the duty of the officers of the ambulance service to report to the commander of the troops any violation of the provisions of this paragraph.

55. The following allowance of horses for mounts, wheel transportation, tentage, etc., for the Medical Department of the Army in the field is authorized:

# Horses for mounts.

	II. S.	A. H. S.	Privates.
To each regiment of infantry	1	2	3
To each light battery To each cavalry regiment	1	1 2	9
To each corps headquarters To each division headquarters	1		2
To each brigade headquarters	1		î
To each ambulance company To each field hospital	1	5	4

The ordinary requirements of the wheel transportation of the medical department of an army in active service may be conveniently estimated on the following basis:

One ambulance to 400 men of the effective force. One 4-horse wagon to 600 men of the effective force.

# Tentage.

For each ambulance company when in fixed camp:

17 common tents for privates.

2 common tents for noncommissioned officers.

For each field hospital when in fixed camp:

15 common tents for privates.

2 common tents for noncommissioned officers.

1 common tent for supplies.

Hospital tents on a basis of 6 patients (beds) to each tent.

1 each for dispensary, operating, and stores.

1 wall tent for each officer.

Hand litters, with slings, to be furnished by the Quartermaster's Department:

1 for each company.

4 for each ambulance.

Horses and wheel transportation will be furnished by the Quartermaster's Department, and horse equipments by the Ordnance Department.

(a) A line officer will be detailed for duty as acting assistant quartermaster with each field hospital and ambulance company.

- 56. The ambulance and hospital service of each independent command will be under the supervision of its chief surgeon. This officer should make all necessary arrangements for the care and transportation of the wounded, who, during an engagement, will receive attention at the following principal points, and in the following order: (1) With the line of battle under fire; (2) at the regimental aid stations; (3) at the ambulance station; (4) at the dressing station; (5) at the field hospitals.
- 57. Regimental aid stations will be established at the place nearest to the combatants, where the wounded and those caring for them will not be unnecessarily exposed to fire. Ambulance stations will be established at points nearest the front to which ambulances can be safely taken, and dressing stations at some place of security in the rear, or in some convenient building near the field of battle. The hospitals will be established by the chief surgeon, after consultation with the commanding general. Dressing stations will be distinguised during the day by Red Cross flags and at night by red lanterns.

# The regimental hospital in field service.

58. The purpose of the regimental hospital in field service is to furnish protection and care to the sick of the command while on a march or in the field, or to those temporarily sick while in camp of instruction. It is an emergency hospital in the one case and a detention hospital in the other, but is not intended for the treatment of the very ill, who in the event of a move would prove to be an incumbrance to the regiment. When cases are found to be serious in nature they should be promptly transferred to brigade or division hospitals, except where regiments are isolated, in which event the bed capacity may be increased as necessary, all of the sick being cared for and transfers made to general hospitals when ordered by proper authority.

(a) The tentage will consist of—

Three hospital tents (two to be used as wards and one as dispensary and storage).

Two common tents for noncommissioned officers.

Two common tents for privates.

One common tent for cook tent.

(b) The Hospital Corps detachment allowed a regiment serving in the field is fixed at one hospital steward, two acting hospital stewards, and nine privates of the Hospital Corps.

(c) In campaign the tentage and equipment of the regimental hospital will be reduced to meet service requirements and the

material turned in to the nearest depots.

(d) The prescribed articles of clothing (see par. 185, Drill Regulations, Hospital Corps) will be rolled in the half shelter tent supplied each soldier and carried in a transportation wagon; when the soldier is mounted and no wheel transportation is available, they will be carried on the saddle, as directed in the Drill Regulations for the Cavalry.

# Memorandum of regulations governing field equipment.

59. The material for field and regimental field hospitals will be assembled at such points as may be designated by the Secretary of War. Ordinarily there will be material for two regimental hospitals complete in each military department. These will be under the immediate control of the department commander and chief surgeon. At each permanent post there should be a medical and surgical chest for detached service.

# 60. SANITARY ORGANIZATION, PERSONNEL, AND TRANSPORTATION FOR A DIVISION OF 18,000 MEN IN THE FIELD.

# (a) FOR A REGIMENT

The personnel should be as follows:

3 medical officers-

1 major, surgeon.

1 captain, assistant surgeon.

1 lieutenant, assistant surgeon.

3 noncommissioned officers of the Hospital Corps-

1 hospital steward.

2 acting hospital stewards.

9 privates of the Hospital Corps—

3 medical officers' orderlies.

1 cook.

5 nurses, attendants, bearers, etc.

On the battlefield the regimental sanitary detachment may ordinarily be distributed as follows:

The senior medical officer at the regimental aid station immediately in rear of the regimental reserve, with the hospital

steward, three privates of the Hospital Corps, the medical and surgical chests, and ten hand litters. The two junior medical officers, with their orderlies, two acting hospital stewards and four bearers (with two hand litters) search for wounded, and when found carry them to the regimental aid station. Bandsmen and others detailed from the line will be used as additional bearers.

(b) FOR A BATTERY OF ARTILLERY, DETACHMENT OF INFANTRY, OR SQUADRON OF CAVALRY.

The personnel should be as follows:

1 medical officer.

2 privates of the Hospital Corps-

1 orderly.

1 ambulance driver

# (c) AMBULANCE COMPANIES.

Three ambulance companies are ordinarily attached to each division of normal strength.

The personnel of bearer company should be as follows.

For medical and bearer work.

3 medical officers-

1 major, surgeon, commanding.

1 captain, assistant surgeon.

1 lieutenant, assistant surgeon.

13 noncommissioned officers of the Hospital Corps.

1 musician, and

47 privates of the Hospital Corps.

With the transportation.

1 quartermaster in charge of transportation.

2 noncommissioned officers—

1 hospital steward.

1 acting hospital steward.

20 privates of the Hospital Corps—

1 blacksmith.

1 saddler.

2 musicians.

13 drivers.

1 cook.

2 supernumeraries.

Transportation-

9 ambulances.

1 medical supply wagon.

3 army wagons.

Equipment (see par. 287).

On the battlefield the ambulance company will ordinarily be distributed as follows:

# At the dressing station.

- 2 medical officers. (The senior medical officer usually remains here.)
- 7 noncommissioned officers of the Hospital Corps.
- 1 musician.
- 5 attendants.
- 1 cook.
- 2 medical officers' orderlies.

The medical supply wagon is stationed here, as well as the three army wagons, under the charge of the quartermaster, who also has general charge of the ambulance wagons and their working. This adds to the dressing station force—

- 1 quartermaster.
- 2 noncommissioned officers (transport).
- 5 drivers.
- 2 company cooks.

# At the ambulance station.

As soon as the dressing station is formed, the rest of the company moves forward and forms an ambulance station at which, when practicable, the ambulance wagons rendezvous, and between which and the dressing station they are constantly plying. Each ambulance wagon has a driver and an orderly, and carries a reserve of dressings and hospital stores.

- 1 medical officer.
- 6 noncommissioned officers.
- 9 ambulance drivers.
- 9 ambulance orderlies.
- 32 bearers.
  - 1 medical officer's orderly.
  - 1 musician.

Each company is so organized that it may be subdivided into three sections capable of independent action.

As soon as the work on the field and at the ambulance station is completed, the company rendezvous at the dressing station to assist the permanent detail there, and when the work at the dressing station is completed, the wounded having been transferred to the field hospital by the ambulance wagons of the company, it, when practicable, goes into camp near the field hospital, and assists in the work of that organization.

# (d) FIELD HOSPITAL.

Three field hospitals, each accommodating 108 patients, are ordinarily assigned to each division.

The personnel should be as follows:

# For field hospital work.

3 medical officers-

1 major, surgeon, commanding.

1 captain, assistant surgeon.

1 lieutenant, assistant surgeon.

4 noncommissioned officers-

1 hospital steward.

3 acting hospital stewards.

35 privates of the Hospital Corps—

30 nurses and medical officers' orderlies.

2 cooks.

2 assistant cooks.

1 dispensary assistant.

# $With\ the\ transportation.$

1 quartermaster.

2 noncommissioned officers (2 acting hospital stewards).

13 privates of the Hospital Corps—

10 drivers.

1 artificer.

2 supernumeraries.

Transportation-

8 army wagons.

# (e) ADMINISTRATION.

The administrative sanitary officer of the division is the division surgeon. He has on duty with him one noncommissioned officer of the Hospital Corps (hospital steward) and one private of the Hospital Corps (medical officer's orderly). On each brigade staff is a brigade surgeon, who has one noncommissioned officer as clerk and one private of the Hospital Corps as orderly.

The exigencies of war not infrequently require some of the field hospitals which ordinarily accompany the fighting force to remain, for the time, fixed. But the rule is that these hospitals must be mobile. In order to permit this the wounded are. at the earliest practicable moment, evacuated along the lines of communication toward the base of operations.

# (f) LINES OF COMMUNICATION.

The first sanitary organization immediately in rear of the field of military operations is the advance medical supply depot, containing a reserve supply for the sanitary organizations in front.

The personnel of this depot should be as follows:

1 medical officer or storekeeper.

2 noncommissioned officers-

1 hospital steward.

1 acting hospital steward.

8 privates of the Hospital Corps-

5 drivers.

2 packers.

1 medical officer's orderly.

The transportation equipment should include a sufficient number of wagons, and the depot should be capable of completely resupplying two field hospitals.

At least one stationary hospital, to receive patients from the field hospitals, should ordinarily be located near the field or on the line of communication, and equipped with suitable material and personnel as may be necessary.

One or more rest stations may have to be established at points of entrainment or embarkation. The personnel of such a station would probably not exceed-

1 medical officer

1 noncommissioned officer.

2 privates.

For the evacuation of the field hospitals, suitably equipped hospital ships, boats, or railroad trains, or all of these, may be necessary according to circumstances.

A hospital train of nine cars, seven of which are assigned to patients, will carry 200 men. The personnel required for such a train will consist of:

- 2 medical officers—
  - 1 captain, assistant surgeon, commanding.
  - 1 lieutenant, assistant surgeon.
- 3 noncommissioned officers of the Hospital Corps-
  - 1 hospital steward.
  - 2 acting hospital stewards.
- 24 privates of the Hospital Corps—
  - 20 nurses.
    - 2 cooks.
  - 2 medical officer's orderlies.
- A hospital boat, or ship, of 200 beds, requires a personnel of:
  - 3 medical officers-
    - 1 major, surgeon, commanding.
    - 1 captain, assistant surgeon.
    - 1 lieutenant, assistant surgeon.
  - 4 noncommissioned officers of the Hospital Corps—
    - 1 hospital steward.
    - 3 acting hospital stewards.
  - 35 privates of the Hospital Corps-
    - 28 nurses.
      - 4 cooks.
      - 3 medical officer's orderlies.

The necessary force to maintain order at the different sanitary stations is furnished from the provost guard of the division.

The sanitary administration on the line of communication and base is under a medical officer on the staff of the general commanding the lines and base.

The foregoing estimate is based upon the requirements of a single division of normal strength. For an aggregation of divisions, forming an army corps, there would have to be an adequate increase in personnel and material.

It may be laid down as a rule that during active field operations the sick and wounded of every one hundred men will require at least six men. If this number is not furnished by the sanitary troops, it will have to be taken from the fighting effective.

## ARMY NURSE CORPS.

- G. O., No. 49, Headquarters of the Army, A. G. O., June 3, 1902, prescribes the regulations governing the Army Nurse Corps as follows:
- 61. 1. Section 19 of the act "To increase the efficiency of the permanent military establishment of the United States," approved February 2, 1901, provides as follows:

Sec. 19. That the Nurse Corps (female) shall consist of one superintendent, to be appointed by the Secretary of War, who shall be a graduate of a hospital training school having a course of instruction of not less than two years, whose term of office may be terminated at his discretion, whose compensation shall be one thousand eight hundred dollars per annum, and of as many chief nurses, nurses, and reserve nurses as may be needed. Reserve nurses may be assigned to active duty when the emergency of the service demands, but shall receive no compensation except when on such duty. Provided, That all nurses in the Nurse Corps shall be appointed or removed by the Surgeon General, with the approval of the Secretary of War; that they shall be graduates of hospital training schools, and shall have passed a satisfactory professional, moral, mental, and physical examination: And provided, That the superintendent and nurses shall receive transportation and necessary expenses when traveling under orders; that the pay and allowances of nurses, and of reserve nurses, when on active service, shall be forty dollars per month when on duty in the United States and fifty dollars per month when on duty in the United States and fifty dollars per month when without the limits of the United States. They shall be entitled to quarters, subsistence, and medical attendance during illness, and they may be granted leaves of absence for thirty days, with pay, for each calendar year; and, when serving as chief nurses, their pay may be increased by authority of the Secretary of War, such increase not to exceed twenty-five dollars per month. Payments to the Nurse Corps shall be made by the Pay Department.

#### DUTIES OF SUPERINTENDENT AND NURSES.

**62.** 2. The superintendent of the Army Nurse Corps, under the direction of the Surgeon General of the Army, will have general supervision of the Corps, and her duties and the duties of the chief nurses and nurses shall be as prescribed by the Surgeon General.

## APPLICATIONS FOR APPOINTMENT—QUALIFICATIONS.

63. 3. Applications for appointment in the Army Nurse Corps should be made to the Surgeon General, and before being placed on the eligible list the applicant must pass the prescribed exam-

inations, as follows:

(a) Physical qualifications.—A statement of her physical condition will be filled out in her own handwriting and sworn to before a notary public. She will also submit a certificate of health from at least one reputable physician personally acquainted with the applicant. Blanks for these purposes will be furnished by the Surgeon General.

(b) Moral and professional qualifications.—The date of her graduation, the moral character of the applicant and her professional qualifications during her period of training and at date of graduation, and so far as known at the time of application, will be certified by the superintendent of nurses at the hospital from which she graduated. If she was trained under a former superintendent of nurses the indorsement of the latter is also desirable. Applicants must have graduated from a training school for nurses which gives a thorough professional education, both theoretical and practical, and which requires two years' residence in an acceptable hospital.

(c) Mental examination.—Applicants will be required to answer in writing certain practical questions prepared by the

Surgeon General.

(d) Approved candidates will be placed on the eligible list for

appointment as their services may be required.

(e) An applicant will not be placed on the eligible list unless she agrees to serve in the Army for at least three years.

# APPOINTMENT AND DISCHARGE.

64. 4. The appointments and discharges of nurses shall be made by the Surgeon General subject to approval of the Secre-

tary of War.

(a) Nurses may be discharged from the service (1) at any time when their services are no longer needed, (2) at their own request, supported by good and sufficient reasons, provided their services have been faithful and meritorious, (3) on account of illness, and (4) for misconduct. Recommendation for the discharge of a nurse on account of misconduct will be submitted to the Surgeon General, with a report of the facts after a careful investigation, of which she shall have due notice and at which she shall have a fair opportunity to be heard in her own defense, and when so discharged the indorsement on the appointment indicating discharge, as provided in paragraph 4 (c) of this order, will state "for misconduct" and the word "honorably" will be omitted.

(b) The following form will be used in making appointments

of nurses to the Army Nurse Corps:

#### ARMY NURSE CORPS.

(c) Upon honorable discharge from service the following indorsement will be placed on the appointment of the nurse:

With the approval of the Secretary of War, honorably discharged from the Army Nurse Corps, \_\_

The authority directing her discharge will be quoted.

(d) Nurses shall be given orders and transportation to their homes prior to completing their three years' term of service,

unless their services are needed to meet an emergency.

(e) Nurses who have nearly completed their terms of service and who desire to continue as members of the Army Nurse Corps should make application to the Surgeon General for reappointment.

## ASSIGNMENTS AND DUTIES.

65. 5. Army nurses will be assigned to duty at military hospitals under the direction of the Surgeon General of the Army. At hospitals where there are two or more nurses serving one will be assigned to duty as chief. Nurses appointed will be required to serve wherever their services may be needed at home or abroad.

(a) The tour of duty without the limits of the United States will usually be at least two years.

(b) Nurses can not leave their stations except under orders or

when granted a leave of absence.

(c) Nurses traveling under orders on transports will be assigned to duty thereon and under the direction of the transport surgeon will assist in the care of officers and enlisted men.

(d) The families of officers are not entitled to the services of

Army nurses except as provided in paragraph 11 (e).

(e) A nurse will not receive presents from patients nor from

the relatives or friends of patients.

(f) After appointment, unless otherwise ordered by the Surgeon General, a nurse will serve for at least three months in the United States, during which period she will be given special instruction in army nursing.

(g) When female nurses are required for service at a hospital the surgeon in charge will make application to the Surgeon General, through the chief surgeon, for as many as may be needed,

stating the circumstances and the necessities of the case.

(h) Should there be a surplus of nurses at any hospital the officer in charge will immediately report the fact to the chief surgeon, who will forward the report to the Surgeon General and ask for instructions. In the Division of the Philippines the chief surgeon will order surplus nurses to the United States, and direct them to report immediately on arrival in the States to the chief surgeon of the department, who will place them on temporary duty and request instructions from the Surgeon General.

(i) When a nurse is directed to proceed to her home for discharge she will be instructed to report immediately on arrival

by letter to the Surgeon General.

(k) Every change in the status of nurses, such as arrival, departure, leaves of absence granted, orders given, death, etc., will be promptly reported to the Surgeon General through the chief surgeon by the officer in charge, giving Christian names and surnames in each instance. For this purpose information slips may be used.

#### TRANSFERS.

66. 6. Transfers from one division or department to another will not be made, except by authority of the Surgeon General, but a chief surgeon may transfer nurses, should the exigencies of the service require it, from one hospital to another within his division or department.

(a) Transfers of nurses will be immediately reported to the Surgeon General, with a full statement of the circumstances in each case and a special efficiency report prepared by the chief

nurse.

### PAY.

67. 7. The pay and allowances of nurses and reserve nurses when on active service shall be \$40 per month when on duty in the United States, and \$50 per month when without the limits of the United States.

(a) Chief nurses receive the same allowances as nurses. Their pay is regulated as follows: When assigned to duty as chief nurse at any hospital where two or more nurses are stationed they shall receive, in addition to pay as nurse, \$5 per month; where five or more nurses are stationed the chief nurse shall receive, in addition to pay as nurse, \$10 per month; where ten or more nurses are stationed the chief nurse shall receive, in addition to pay as nurse, \$25 per month. In no case shall a nurse be paid more than \$75 per month.

(b) Nurses will be paid on monthly pay rolls to be furnished by the Pay Department, prepared and properly certified by the officer under whom they may be serving, signed by the nurse, and forwarded either to the chief paymaster of the division or department or presented to the paymaster visiting the post for settlement. All payments to a nurse must be noted on her ap-

pointment.

(c) Discharged nurses will be paid on pay rolls prepared by the officer under whom they may be serving at the date of discharge. The pay accounts of nurses ordered home for discharge

will be prepared in the Surgeon General's Office.

(d) When a nurse is under orders to leave her station or is granted a leave of absence the officer in charge of the hospital will indorse on her appointment the date of her departure, with date and source of order, date of last payment, and name of paymaster by whom paid. The date of return to duty will also be indorsed thereon.

#### TRANSPORTATION.

**68.** 8. Before starting on a journey at public expense a nurse must receive a written order from proper authority together with a transportation request for her railway ticket and sleeping car or transport accommodations.

(a) When traveling under orders no delay in starting and no

stop-over privileges are allowed.

(b) Nurses traveling under orders will be entitled to transportation, with sleeping car accommodations by rail and staterooms on boats, at public expense, under the regulations governing transportation for the Army. They will in all cases be entitled to transportation of 150 pounds of personal baggage. Transportation will be procured where practicable from officers of the Quartermaster's Department and in cases where not practicable nurses may pay their own travel fare and include the cost, not to exceed that of first-class limited tickets from initial point to destination without stop-over privileges, in their expense accounts, which must bear certificate that they actually paid the amount as charged and be accompanied by the original or a certified copy of orders upon which they were traveling.

(c) A nurse ordered home for discharge from service outside of the United States usually gets transportation to New York or to San Francisco. On arrival in either city she will proceed to the Army Building, where on presentation of her travel order she will be furnished transportation to the point designated as her home, which hereafter must be fixed at the time of appointment.

(d) Travel to and from points beyond the limits of the United States and between island possessions in all cases where practi-

cable will be by army transport.

(e) Transportation will not be furnished for any journey which

a nurse may take while on leave of absence.

(f) Nurses traveling under orders from competent authority will be allowed in addition to transportation reimbursement for necessary expenses not to exceed three dollars per day, to be paid

by the Quartermaster's Department.

(g) When expenses are incurred as above an itemized account, in duplicate, with date and place of incurrence of each item, will be prepared and attached to Blank No. 13½, Quartermaster's Department, which must be properly filled out, signed by the nurse, and sworn to before an officer duly authorized to administer oaths. The receipts on the blanks will also be signed by the nurse. When practicable to obtain them duplicate receipts for the items charged will be submitted. When it is impracticable to obtain receipts this fact should be so stated in the affidavit.

## QUARTERS.

69. 9. Nurses will be furnished quarters according to the accommodations available at each hospital, and where there are

several nurses one room or wall tent will be provided as a com-

mon sitting room.

(a) Sheets, towels, pillowcases, table linen, and other washable articles will be furnished by the hospital for the nurses' use, to be washed as part of the hospital laundry.

## SUBSISTENCE.

70. 10. A nurse will receive one ration in kind per day, and when stationed on duty at places where rations can not be furnished she will receive commutation of rations at 75 cents per day.

(a) When on leave of absence with pay a nurse will receive

commutation of rations at 25 cents per day.

(b) On Government transports nurses will be provided with meals free of charge.

#### LEAVE OF ABSENCE.

71. 11. The total duration of leave of absence with pay granted a nurse shall not exceed thirty days for each calendar year.

(a) An additional leave without pay or allowances not to exceed one month may be granted when the service will permit.

(b) The commanding officer of a general hospital, or officer in charge of a hospital, may grant a leave of absence to a nurse when it can be done without detriment to the service. No leave of absence will be granted unless requested by the nurse in writing. The original paper granting the leave will be given to the nurse and the facts reported to the Surgeon General.

(c) Nurses on foreign service can not be granted leave "to take effect after arrival in the United States," but nurses assigned to transport duty may be granted leave after reaching

port.

(d) A nurse on leave of absence in the United States will report in writing to the Surgeon General at least one week prior

to the expiration of said leave.

(c) At places where the services of trained nurses are not otherwise obtainable a nurse may, if she so desires, and with the approval of the officer in charge of the hospital, be granted a special leave without pay or allowances in order to take a private case, such leaves not to exceed sixty days.

(f) An extension of leave of absence may be granted by the officer granting the original leave or by the Surgeon General, provided that leave with pay shall not exceed thirty days for

each year.

## ILLNESS.

72. 12. A nurse is entitled to receive medical attendance from an army surgeon and medicines when ill. This will be provided for at the hospital where she may be serving, but when it is reported as desirable the Surgeon General, or chief surgeon

within his department, may give orders for a nurse's transfer to and treatment in some other army hospital. Bills contracted by a nurse for medical attendance can not be allowed, nor will extra

leave of absence with pay be granted because of illness.

(a) A nurse will not be discharged for disability contracted in line of duty until after reasonable time has been allowed for treatment unless the case requires immediate action and at her request. Full reports in all cases of nurses under treatment in hospital should be promptly forwarded to the Surgeon General for his information.

## CHIEF NURSE.

- 73. 13. A nurse shall not be assigned to duty as chief nurse unless she shall have passed a satisfactory written and oral examination.
- (a) At such times as he may deem necessary the Surgeon General shall appoint boards for the examination of nurses for promotion to the grade of chief nurse.

(b) The rules and regulations governing such examinations shall be prepared and promulgated by the Surgeon General.

(c) The examination papers of nurses shall be forwarded to

the Surgeon General for his consideration and action.

- (d) Lists of those nurses who pass the required examination shall be sent to the chief surgeon of the department in which they are serving, or to the commanding officer of a United States General Hospital, who will make assignments therefrom to duty as chief nurse.
- (e) Pending the receipt of lists of candidates for promotion to the grade of chief nurse the chief surgeon will make temporary assignments of nurses to that grade, and those nurses now assigned to duty as chief nurse shall hold their present assignments so long as their services are needed and their duties are performed in a satisfactory manner.

(f) A chief nurse whose services are no longer required as such may elect to be discharged or to be assigned to regular duty as

(g) Nurses who prove themselves possessed of marked executive ability, good judgment, and tact will be recommended by the commanding officer of the hospital at which they are on duty for examination for promotion to the grade of chief nurse.

(h) All assignments or reductions, with the reasons therefor,

will be promptly reported to the Surgeon General.

(i) When required by climatic conditions the chief nurse may. with the approval of the officer in charge of the hospital, substitute the eight-hour day for the usual ten or twelve hours of ward duty

(k) If the hospital is large enough to require it, one or more nurses may be assigned to duty as assistants to the chief nurse

without extra pay.

(l) The chief nurse will render efficiency reports of the nurses serving under her on the last day of March, June, September, and December of each year. A special report will be made also when the chief nurse is about to be relieved from duty at a

hospital.

(m) Special efficiency reports of an individual nurse will be made whenever she is ordered away from the hospital, and the commanding officer will forward them, under special cover, through the chief surgeon to the Surgeon General. Only matters which relate exclusively to the efficiency of the nurses will appear in these reports. Blanks for efficiency reports will be furnished by the Surgeon General.

## REPORTS AND RETURNS.

74. 14. On the last day of each month the officer in charge of a hospital will forward a return of female nurses to the Surgeon General through the chief surgeon on blank form furnished by the Surgeon General. On this should be noted all the changes, with dates, which have taken place in the status of the nurses since the last report. These returns should be carefully prepared, and furnish full information of the actual status of the nurses, including leaves of absence.

(a) The officer in charge of a hospital will forward to the Surgeon General through the chief surgeon the quarterly and special efficiency reports prepared by the chief nurse, stating whether or not he concurs in the grading reported by her. He will also indorse thereon his report of the efficiency of the chief nurse, specifying in detail the character of the services rendered by her.

(See par. 73, l and m.)

#### UNIFORM.

75. 15. The uniform of the Army Nurse Corps will consist of a waist and skirt of suitable white material, adjustable white cuffs, bishop collar, white apron and cap according to patterns and specifications in the Surgeon General's Office.

(a) A nurse provides for the laundry of her uniform.

(b) The badge of the Corps is the cross of the Medical Department in green enamel with gilt edge. This is pinned on the left side of the collar of the uniform or on a corresponding part of her dress when she is not in uniform.

(c) When a nurse is appointed she will be supplied with detailed instructions on this subject and will immediately procure her uniform. It will invariably be worn during her hours of duty.

(d) Nurses not in uniform will not be allowed in the wards without special permission of the chief nurse or officer in charge.

(e) No changes in the prescribed uniform of the Nurse Corps will be made without authority of the Surgeon General.

(f) Uniforms may be procured after reaching post of duty.

#### RESERVE NURSES.

76. 16. A nurse who has served faithfully and satisfactorily for at least six months and received an honorable discharge will

be placed on the reserve list.

(a) Each reserve nurse must sign an agreement to enter active service in time of war or national emergency, or whenever she may be needed, and to report by letter to the Surgeon General on the 1st of January and the first of July of each year. Reserve nurses wear the badge of the army nurses, but are not entitled to pay or allowances except when on active service.

(b) When called into active service they will be subject to all established rules and regulations and will receive the pay and allowances of nurses on the active list. They may be granted leave of absence with pay at the rate of two and one-half days per month of active service, not exceeding thirty days during

any calendar year.

(c) A nurse will be dropped from the reserve list upon reaching the age of forty-five years, or if she ceases for five years to practice her profession, or if she becomes permanently incapacitated from ill health, or for other good and sufficient reason. But a nurse shall not be dropped from the reserve list without due notice of the cause for such action and an opportunity to reply to any charges which may be made against her.

## MALE NURSES.

77. The regulations governing the Army Nurse Corps (female) are also applicable in general terms to male nurses under contract.

## SPECIAL NURSES.

See A. R. 1661. Nurses special, payment of.

# MEDICAL SERVICE ON ARMY TRANSPORTS.

- 78. Medical superintendents of the Army Transport Service, on the day following the arrival or sailing of a transport, will forward to the Surgeon General a passenger list of the personnel of the Medical Department aboard the vessel.
- 79. The hospital of an Army transport is under the charge of the transport surgeon, who is responsible for the proper care and use of the hospital equipment and property, and for the discipline and instruction of the hospital attendants. The hospital will not be used for other purposes than for the accommodation of the sick without the approval of the transport surgeon.
- (a) The surgeon of a vessel of the United States transport service will purchase from the proper transport officer on such

vessel, paying for the same from the appropriation "Subsistence of the Army," such articles of subsistence stores as he shall certify are actually needed for the special diet of the sick on board. These stores will be accounted for by the surgeon in the same way as are other articles of diet procured by him for the sick.

- 80. The personnel of the medical service on Army transports will be detailed from the medical service of the Army, by proper authority, on the recommendation of the medical superintendent.
- 81. Transport surgeons will carefully observe quarantine regulations at home and foreign ports, and at infected ports will take care to prevent the embarkation of infected persons and property. They will personally examine all persons coming on board at infected ports who are unprovided with health certificates by proper authority, and will recommend in writing to the transport quartermaster such action as may be necessary to avoid infection of the ship.
- 82. The commanding officer of the troops, accompanied by the transport quartermaster, the officer of the day, the police officer. transport surgeon, and the master or first officer, will inspect the berths and mess decks, latrines, bathrooms, hospital, galleys, etc., each morning at 10 o'clock.
- 83. Transport surgeons will keep a record of the inspections required by paragraph 82 of these regulations, and during each voyage will note:
  - 1. The quantity and quality of the water supply of the vessel.
  - 2. The quantity, quality, and cooking of the rations.
- 3. The ventilation of all berth decks, including staterooms and the hospital, and quarters of the crew.
  - 4. The adequacy and cleanliness of the bedding and clothing.
- 5. The sanitary condition of bathrooms, lavatories, closets, and storerooms.
  - 6. The prevalence (or absence) of infectious diseases on board.
- 84. During the voyage the transport surgeon will make to the transport quartermaster such recommendations for the correction of defective sanitation on board as may be noted during inspections. On completion of the voyage he will submit a sanitary report (Form 41, Med. Dept.) of the vessel, with copies of special reports made during the voyage and the action of the transport quartermaster thereon.

85. The transport surgeon will make a physical examination of men applying for shipment with the crews of Army transports, reporting to the transport quartermaster on their physical fitness for service, and transmitting to the medic: 1 superintendent (Form 31, Med. Dept.) a record of such examinations.

# HOSPITAL BUILDINGS.

See A. R. 1644, 1645. Approval of plans and specifications for.

A. R. 1646. Alterations of or additions to.

A. R. 1647. Medical officer to inspect and report on.

A. R. 1648, 1649. Estimate of repairs, etc.

A. R. 1650. Restriction of their use to patients and enlisted men there on duty.

- 86. New floors in hospitals will not be painted. They may be finished in oil and paraffin, or oil, wax, turpentine, etc., to which coloring matter may be added if deemed necessary. Floors of verandas and porches should be protected by paint.
- 87. When an allotment of funds for the repair of a hospital or hospital steward's quarters has been made, the officer in charge will be notified of the action by letter from the Surgeon General, the receipt of which will be acknowledged by return mail. Estimates and other papers referring to a hospital must be prepared separately from those for a hospital steward's quarters. On the last day of each month, until the work is completed and so reported, the surgeon in charge will advise the Surgeon General, by information slip, of the progress effected, or, if none, the cause of the delay so far as he can ascertain it.
- 88. In every post hospital a room should, if possible, be set aside as an operating room. Special attention should be given at all times to the cleanliness of this room, including its walls and floors, as well as the necessary furniture. A stout table, of suitable size and plain finish, that can be easily scrubbed, should always be in readiness. In this room should be placed all the instruments and dressings, antiseptics, anæsthetics, and other appliances that may be needed in an emergency. While always accessible, they should be guarded from handling by irresponsible persons. The Arnold's sterilizer and the boiler of the kitchen stove or range afford ready means for sterilizing instruments, dressings, basins, towels, etc., that may be needed at an operation. At large permanent posts, if no suitable room is available, plans and estimates should be forwarded for such changes in or

additions to the hospital building as will provide a conveniently located operating room. Provision should also be made for a laboratory, in which the chemical and bacteriological sets furnished can be conveniently arranged and kept always ready for use.

#### GENERAL HOSPITALS.

See A. R. 1621. Under exclusive control of the Surgeon General.

# ARMY AND NAVY GENERAL HOSPITAL.

See A. R. 172. Transfer of soldiers for treatment in

A. R. 1623, 1624. Cases for treatment in.

A. R. 1625. Commutation of rations at.

A. R. 1626. Charge for subsistence at.

A. R. 172. Reports from.

- 89. The organization of the hospital shall consist of one medical officer of the Army, who will command it, and such other medical officers of the Army and Navy as may be necessary, to be detailed by the Secretary of War or the Secretary of the Navy, respectively; one officer of the Quartermaster's Department or of the line of the Army as an acting assistant quartermaster, who will also be an acting commissary of subsistence, if required, detailed by the Secretary of War; such noncommissioned officers and men of the Hospital Corps as may be authorized by the Secretary of War; and such civil employees as may be necessary for the proper service of the hospital.
- (a) The civil employees not in the classified service will be appointed by the commanding officer, having in view their fitness for the service required. They will be governed by such rules as may be promulgated for the service of the hospital, and they may be discharged by the appointing officer for unfitness, or when their services become unnecessary.
- 90. Officers under treatment, when subsisted in the hospital, will be subject to a charge for subsistence not to exceed one dollar and fifty cents per day, to be paid on the last day of each month, or upon leaving the hospital.
- (a) Military or naval cadets will in like manner pay a subsistence charge at the rate of one dollar per day. Such cadets while patients may have the privilege of the officers' mess at the discretion of the commanding officer.

- (b) Should an officer or cadet from any cause (as in case of death) fail to pay an account for subsistence when due, the fact will be immediately reported by the commanding officer to the Surgeon General of the Army, who will certify the fact to the Paymaster General of the Army, to the Surgeon General of the Navy, or to the Secretary of the Treasury, as the case may be, and the proper officers of the War, Navy, or Treasury Departments will take such steps as will promptly secure to the hospital payment of the amounts due.
- 91. Subsistence stores for use in the officers' and enlisted men's messes may be purchased by the commanding officer of the hospital from such officers of the Subsistence Department as the Commissary General of Subsistence may designate.
- 92. The commanding officer will account monthly to the Surgeon General of the Army for all money received or expended on account of officers and enlisted men.
- 93. The Surgeon General of the Army will certify monthly to the Surgeon General of the Navy all balances due on account of subsistence furnished to enlisted men of the Navy or Marine Corps on the active list, and to the Commissary General of Subsistence of the Army all balances due on account of subsistence furnished to enlisted men of the Army on the active list, said men in each case being such as have been ordered to the hospital for duty or treatment.
- 94. Authority for the admission of an officer of the Army on the active list will be granted on his personal application, through the regular military channels, to the Adjutant General of the Army, for a sick leave of absence, based upon a medical officer's certificate that sets forth the disability for which treatment at this hospital is recommended, and the opinion of the medical officer that such treatment will conduce to the more rapid recovery of the patient. Sick leave of absence to enter the hospital will then be granted.
- (a) The limit of a permit to enter the hospital is fixed at fourteen days.
- (b) An officer's continuance in the hospital will be determined by the commanding officer, who will from time to time report to the Adjutant General as to the officer's physical condition, and will express his opinion as to the length of time required for treatment. If this is approved, the sick leave, if the officer has

such, will be extended accordingly. Ordinarily, officers on the active list will not remain longer than four months at the hospital, and a special report will be made in the case of an officer who shall be under treatment there six months.

- (c) Retired officers of the Army may make direct application, accompanied by a medical certificate, to the Adjutant General for permission to enter the hospital. Retired officers may leave the hospital at their discretion, but they will not remain in hospital longer than three months without special permission, based on the recommendation of the commanding officer.
- (d) The accommodations for enlisted men of the Army are allotted among the several military departments. The commanding officer of the hospital will notify department commanders from time to time of the number of vacant beds at their disposal.
- (e) For the admission of an enlisted man, application will be made to the department commander by the man's immediate commanding officer, on the recommendation of the surgeon, which will accompany the application. Should the chief surgeon so advise, the department commander may order the soldier to report to the commanding officer of the hospital for admission for treatment.
- 95. When in his opinion it is proper, the commanding officer of the hospital will issue the necessary orders for the soldier to rejoin his company or station. Should he be a fit subject for discharge for disability, or should a change of climate be thought necessary, the commanding officer of the hospital will notify the Adjutant General and make such recommendations as he may deem proper, when suitable orders will be issued in the case.
- 96. In selecting cases for this hospital, medical officers will exercise discretion, and will only recommend such as are serious or obstinate and do not promise good results if treated at the post. It is not required to certify that treatment at Hot Springs is necessary to restore health, but to establish a reasonable probability that the facilities there will materially aid in the rapidity and permanence of the recovery. Besides the transfer slipan outline of the history and treatment of the case must accom, pany each patient.
- 97. The transfer of venereal cases to the Army and Navy General Hospital, Hot Springs, Ark., is prohibited. In order that

patients suffering from venereal diseases may not be permitted to enter this hospital, medical officers will exercise great care in their examination of each case before they forward requests for admission.

# GENERAL HOSPITAL AT FORT BAYARD, N. MEX.

See A. R. 172. Transfer to and reports from.

98. This is a sanatorium for the treatment of officers and enlisted men of the Army suffering from pulmonary tuberculosis. Transfers of enlisted men suffering from this disease may be made to this hospital on the recommendation of medical officers of the Army (to be forwarded through military channels). The Surgeon General is authorized to provide for the care and treatment of discharged soldiers entitled to the benefits of the United States Soldiers' Home, Washington, D. C., who may be sent to the sanatorium by the board of commissioners of the Home, the expense for the maintenance of such discharged soldiers to be paid from the Soldiers' Home funds.

# HOSPITAL MATRONS AND LAUNDRY WORK.

See A. R. 872. Muster and pay of.

A. R. 1110, Fuel for,

A. R. 1378, 1391. Rations for.

A. R. 1629. Appointment of.

A. R. 1630. Allowance to hospitals.

A. R. 1653. Medicines and hospital stores to.

99. Washing for the Medical Department not done by a hospital matron is paid for on vouchers (Form No. 4), which are forwarded, through the chief surgeon, or, if from independent posts, direct to the Surgeon General. The vouchers should show (1) the period covered by the service, from first to last dates; (2) the kind of articles, either in detail or by general words, such as hospital bed and table linen; (3) that the articles are the property of the Medical Department; (4) the name of the post or station where the articles are in use; (5) their number, and (6) the price per piece, dozen, or hundred, and total charge. (See also pars. 51 (c) and 139 (b), (e), (f), and (i).

(a) The washing of linen for the Medical Department which can not be done by the matrons or employees at the post or

station may be let to private laundries, laundrymen, or laundresses. In urgent cases this may be done without further authority, the vouchers in payment for the work to be accompanied by proper explanations. As a rule authority will be applied for beforehand and may be granted by chief surgeons of departments where the amount involved is small or in any case where immediate action is required. Applications from independent post or where the amount involved is large (there being no immediate urgency), except in the Division of the Philippines, will be forwarded to the Surgeon General; in the Division of the Philippines they will be acted upon by the chief surgeon of the division.

- (b) Individual laundrymen and laundresses may be employed under the preceding paragraph without advertising for proposals, provided they do the work in person, the same being regarded as "personal services" within the meaning of section 3709, R. S., and paragraph 596, A. R. The vouchers will bear notation showing that the work was done by the creditor in person.
- (c) Laundry work by steam laundries, or corporations, firms, or individuals who do a general laundry business, the actual work being done by the employees of such laundries, is not, however, considered personal service and can, under paragraph 645, A. R., be engaged in open market only as follows:

First. When there is a public exigency which requires the immediate performance of the work. The vouchers will bear the notation, "Under emergency, in open market, and at the lowest market rate, time not allowing notice to invite proposals." An emergency can not rightfully be held to continue for a longer period than may be necessary to enter into a contract for the continuing service required. The emergency having been met steps should be taken to obtain proposals and let contracts for future service in compliance with the general rule below (par. 99, d).

Second. When it is impracticable to secure competition, as for example when there is but one laundry within accessible distance of the post or station. The vouchers should note, "In open market at the lowest market rate, it being impracticable to secure competition," with a brief statement of the facts upon which the notation is based.

Third. When proposals have been invited and none have been received, or the proposals are above the market rate, or are

otherwise unreasonable. The voucher will note, "In open market at the lowest market rate," with a brief statement of the facts showing that bids have been invited and none received, or that the bids were too high, etc., as the case may be.

- (d) Except as above, laundry work which is to be let to steam laundries must be advertised in compliance with law, and formal contracts therefor be entered into. Blanks for the purpose will be furnished on application. The regulations respecting the time and mode of advertising, the opening and abstracting of bids, and the forwarding of papers, will be observed as in the purchase of supplies. Bids will ordinarily be invited by the dozen, the hundred, or the pound, as may be preferred, without regard to the different classes of goods to be laundered. If bidders will not submit bids in this form separate bids may be invited and separate awards made on each kind of article.
- (e) Contracts entered into on awards in these cases will as a rule be made for a fixed period of time, as, e. g., for the six months ending December 31, or the six months ending June 30, of any fiscal year. If deemed advisable, contracts for a less or a greater period may be entered into, but in no case should a single contract cover service in different fiscal years. The contracts will be executed in quintuplicate. Contracts at posts within a military department will be made subject to the approval of the chief surgeon thereof, and at independent posts and stations in the Division of the Philippines subject to the approval of the chief surgeon of the division. They will be promptly forwarded. together with the abstract of proposals and accompanying papers, and the bonds when bonds are required, to the chief surgeon upon whose approval they are conditioned, who, before approval, will see that they are correct and regular in every respect. One of the approved numbers will be given to the contractor, one will be filed by the contracting officer, and one, prepared in strict conformity with sections 3744 and 3746, R. S., and paragraph 635. A. R., will be sent by the contracting officer direct, or (preferably) through the Surgeon General, to the Returns Office of the Department of the Interior. If sent direct, a report to that effect should be forwarded to the Surgeon General. The number for the Auditor for the War Department, with one number of the bond when bond is required, and the number for the Surgeon General's Office with the abstract and accompanying

papers and the second number of the bond, will be promptly forwarded to the Surgeon General, who will submit to the Secretary of War any serious errors or defects discovered. Contracts at other independent posts and stations will be made subject to the approval of the Surgeon General, to whom all numbers of the contract, the bonds when bonds are required, and the abstract with accompanying papers, will be forwarded. No work should be let under the contract until the approval upon which it is conditioned has been given. Vouchers will bear the notation, "Under contract dated——."

(f) Bonds for the faithful performance of contracts for laundry work will not be required except when specially directed by the Surgeon General, or in the Division of the Philippines by the chief surgeon of the division.

## . SERVICE OF HOSPITALS.

- See A. R. 1621, 1622. General hospitals, hospital transports, boats and railway trains controlled by Medical Department.
  - A. R. 1628, 1629. Responsibilities of senior surgeon of post.
  - A. R. 1630. Hospital matrons for.
  - A. R. 1631. Disposal of arms, accouterments, and ammunition of patients.
  - A. R. 175, 873, 1632. Detached soldiers in hospital.
  - A. R. 175, 179. Effects of deceased soldiers.
  - A. R. 1633, 1634. Discharged soldiers as patients. (See par. 103 infra.)
  - A. R. 790, 1635, 1636. Infected tents, clothing, etc.
  - A. R. 1637. Hospital property to be used only for hospital purposes.
  - A. R. 1638. Medical supplies for civilian employees,
  - A. R. 1639, 1640. Hospital treatment of civilians.
  - A. R. 1641. Charges for subsistence at.
  - A. R. 1642. Expenditure of hospital fund at.
  - A. R. 1392-95. Special diets of patients.
  - A. R. 1643. The hospital library.
  - A. R. 1667. Metric system enjoined,
- 100. When a patient is transferred from the care of one medical officer to another, a report of the case (Form No. 26) will accompany him.
- 101. Hospital clothing will be worn by patients only during their stay in hospital. Each article will be marked as hospital property. When very sick soldiers are transferred from one hospital to another, the hospital clothing necessary for their comfort may be sent with them, properly invoiced, and accompanied by a check list, giving the names of the men in whose possession it is. Under the provisions of this paragraph, crutches

and similar articles may, if necessary, be similarly transferred with the patient from one post or hospital to another.

- 102. Clothing and other articles which can be immersed in boiling water, or a disinfecting solution, without material injury, should be disinfected and not destroyed by burning. Articles destroyed to prevent contagion must be accounted for by a certificate of the officer responsible, setting forth fully the circumstances necessitating such destruction.
- (a) Whenever articles of clothing of enlisted men have been destroyed upon recommendation of a medical officer to prevent contagion, a gratuitous issue of such articles of clothing will be made to the enlisted men to whom such clothing belonged, upon the certificate of an officer that the clothing was so destroyed upon the recommendation of the medical officer named. A. R. 1636
- 103. A. R. 1634, as amended by G. O., 140, A. G. O., 1901, reads as follows:

Recently discharged soldiers, needing hospital treatment, who arrive in New York City, San Francisco, or other port on Government transports, may be sent to one of the post hospitals in the vicinity, and rations in kind drawn for them while undergoing treatment.

- 104. When a death occurs in a military hospital the case should be entered in the *Record of death and interment*, a copy of which record, with a request that necessary steps be taken for the disposition of the remains, should be sent to the adjutant of the post or station.
- 105. Post surgeons will, at the end of each month, send through the post commander to the proper company or regimental commander the name of each officer and enlisted man in the hospital, other than those belonging to the post, giving the cause of detention, date of arrival, departure, return to duty, or death, or any other information that may be pertinent to the case.
- 106. Whenever an enlisted man is discharged from the Army prior to the expiration of his term of service the actual cause of discharge will be stated in the order directing the same and noted on the final statements.

Officers signing final statements will be careful to observe that these notations are made in all cases, as the cause of discharge determines the soldier's right to travel allowances, and the mere quotation of the number and date of the order upon which discharge is based is insufficient as a guide to proper payment.

107. Owing to the number of incorrect and incomplete final statements daily presented to paymasters for settlement, it is apparent that the obligations of officers issuing such statements are not fully understood, and the result is great inconvenience to discharged soldiers, who are obliged to return them to their late commanding officers to have necessary corrections made, and liability of paymasters to overpay, when the account of the soldier is not fully and properly stated.

In order that there may be uniformity in the issue of final statements, the following instructions, compiled from the Army Regulations, will be strictly observed:

"It should be borne in mind that overpayments caused by erroneous final statements will be charged against the officer who signed the final statements."

# Notification of discharge.

(Par. 166, A. R.)

The officer who prepares the final statement of a soldier will, at least one day before the discharge takes effect, send by mail to the paymaster to whom the soldier may wish to apply for payment a notification in his own handwriting, in form as follows:

# Soldiers are discharged for the following reasons

(Par. 151, A. R.)

- 1. By order of the President or the Secretary of War.
- 2. By sentence of a general court-martial.

"Major -, Paymaster U. S. Army.

 On certificate of disability by direction of the commander of a territorial department or army in the field; but when the disability of a soldier is caused by disease contracted before enlistment or by his own misconduct or bad habits, discharge will be ordered only by the Secretary of War.

The commander of a territorial department or army in the field, after thoroughly investigating cases of soldiers recommended for discharge on account of disease contracted before enlistment or by their own misconduct or bad habits, is authorized to issue orders in the name of the Secretary of War for the discharge of such enlisted men after determining each case on its merits.

- In compliance with an order of one of the United States courts, or a justice or judge thereof, or on a writ of habeas corpus.
  - 5. By expiration of term of service.

Under the head of "Remarks" the notation "Service honest and faithful," or "Service not honest and faithful," as the case may be, must appear.

# Travel pay is forfeited or not allowed.

- 1. By dishonorable discharge, per sentence of court-martial.
- 2. When discharged as a punishment for an offense,
- When discharged as a minor, or other cause involving fraud on his part in enlistment.
- When, at date of discharge, the soldier is in the hands of civil authorities and undergoing imprisonment.
- When discharged by the Secretary of War, or by corps or department commanders, under orders of the Secretary of War, for disability caused by his own misconduct.
- 6. When discharged by way of favor, as "to enable him to accept a commission," or "to enlist in another organization." (Except after 20 years' faithful service.)
  - 7. When retired.
  - 8. On purchase of discharge,
  - 9. On discharge as a veteran.
- 10. When on discharge soldier is on furlough at place of enlistment, or has been ordered home to await discharge.

# Clothing account.

Settlement must be made by the surgeon, and the balance "due the United States," or "due the soldier," must be stated.

# CERTIFICATES OF DISABILITY.

See A. R. 151, 152. Discharges of enlisted men on.

A. R. 171. Blank forms and instructions.

A. R. 172. When disability is not permanent.

A. R. 173. Report of discharge effected on.

A. R. 174. In cases probably pensionable,

A. R. 192. For admission to Soldiers' Home.

A. R. 546. For insane soldiers.

A. R. 943, 946, Discharge of recruits on.

108. In the examination of certificates of disability for discharge, it is enjoined upon the chief surgeons, and others accountable, to observe that there is no conflict between the

reports of company commanders, medical and other officers thereon, as to whether disability was incurred in line of duty, or not in line of duty. If any discrepancy exists in this particular, every possible means will be employed to harmonize the reports before finally forwarding the papers to the Adjutant General of the Army.

109. In cases of discharge of enlisted men on surgeon's certificate of disability, the certificate of the surgeon will be filled out in his own handwriting.

#### HOSPITAL FUND.

See A. R. 331, 1395, Its constitution,

A. R. 353. Seeds for post garden purchased from.

A. R. 1640. Civilians in hospital.

A. R. 1641. Charges for subsistence, etc.

A. R. 324, 1642. Its expenditure.

- 110. A statement of the hospital fund and return of durable property in the prescribed form (Form No. 35) will be forwarded by the surgeon at the end of each month and when relieved from duty, to the chief surgeon, who upon examination and approval will forward it to the Surgeon General.
- 111. Chief surgeons may grant authority for the purchase of articles, including cows and articles of durable property, required for the use of the sick in hospital and for the Hospital Corps, when satisfied that they are proper charges against the hospital fund. In general terms they should regulate the disbursements from the hospital fund in the interests of the sick.
- 112. Officers of the Medical Department will be held to a personal accountability for the loss of any portion of the hospital fund not deposited and locked in the cash box of the hospital safe. Any change in the combination of the lock of the hospital safe will be immediately reported to the Surgeon General.
- 113. Gratuities to hospital cooks may be authorized by chief surgeons when the amount of the hospital fund on hand justifies such an expenditure, viz:
- (a) At posts where the number of patients treated in hospital averages less than five daily, ten cents per day; where the number averages more than five daily, twenty cents per day; where the number averages more than ten daily, a gratuity of ten cents per day may also be paid to a second cook.

(b) A gratuity of not exceeding ten dollars may be paid from the hospital fund to the hospital gardener, when approved by the Surgeon General.

(c) Chief surgeons will instruct the medical officers serving in their respective departments, when granted authority to pay gratuities, to quote on the statement of the hospital fund the date and source of such authority.

(d) In making out a statement of the hospital fund all receipts and expenditures must be entered in detail, i. e., quantity, price

per pound, can, etc.

- (e) All indebtedness properly chargeable to the hospital fund will be recorded upon each monthly statement; ordinarily there should be no indebtedness, but any that may occur must appear in detail.
- (f) Should there be no hospital fund on hand an information slip will be forwarded, reporting the fact.
- (g) Necessary transfers of the hospital fund from one post to another in the department may be authorized by the chief surgeon, but transfers of fund from one department to another will be made by the Surgeon General only.
- (h) Vouchers for purchases of articles from the hospital fund will not be forwarded with the statement.
- (i) Receipts for money expended will be taken by the surgeon of the post, or officer in charge of the hospital, and retained at the hospital.
- (j) Statements of the hospital fund will show the names or designations of the firm or parties from whom articles are purchased for the use of the sick in hospital. The purchase from the hospital fund of liquors (wines, beer, etc.), except for the use of the sick in hospital, will not be approved.

(k) Surgeons in charge of hospitals will exercise due care in their expenditures, and will strive to maintain a sufficient fund

for all emergencies.

- (l) Articles of durable property purchased with the hospital fund, worn out or unfit for use, may be dropped, destroyed, or sold by authority of the chief surgeon. The proceeds of sales of such property will be accounted for on the next statement of the hospital fund.
- (m) Should no durable property be on hand, the words "no property on hand" will be written across the face of the return when forwarded.

(n) Invoices and receipts for durable property purchased or expended will not be required by the Surgeon General. The transfer of fund and property will be acknowledged by receipts written across the face of the last statement and return sent to the Surgeon General.

# MEDICAL ATTENDANCE.

See A. R. 1651, Sick call. (See par. 114 infra.)

A. R. 1652. Diagnosis not furnished to company officers.

A. R. 1653, 1654. Attendance by medical officers.

A. R. 1655, 1665, Attendance by civilian physicians. (See par. 115 infra.)

A. R. 1656, 1659, 1662, 1663, 1664. Accounts for attendance and medicines by civilian physicians.

A. R. 1660. Attendance in civil hospitals.

A. R. 1661. Accounts for payment of special nurses.

114. Paragraph 1651, A. R., as amended by G. O., No. 140, A. G. O., 1901, provides that:

1651. At sick call the enlisted men of each company who require medical attention will be conducted to the hospital by a noncommissioned officer, who will give to the attending surgeon the Company Sick Report Book containing the names of the sick. The surgeon, after examination, will indicate in the book, opposite their names, the men who are to be admitted to hospital and those to be returned to quarters, what duties the latter can perform, with any other information in regard to the sick which he may have to communicate to the company commander. The senior medical officer of the command will make a daily report of the sick and wounded to the commanding officer.

115. Paragraph 1665, as amended by G. O., No. 140, A. G. O., 1901, reads as follows:

1665. The compensation allowed to civilian physicians for ordinary medical attendance at garrison posts or camps will not exceed the following rates, and if the local charge per visit is less the account will be rendered at the local rates: For attending sick call, five men or less, \$2.50; for each man in excess of five, 50 cents; for each additional visit or sick call on same day, when necessary, \$2. Where there is a large sick report and the service will be required for an extended period application will be made to the Surgeon General for authority to employ a physician by the month. Accounts arising at posts or camps under exceptional circumstances, all accounts arising at other places, and accounts for special or surgical services will be allowed at reasonable rates approved by the Surgeon General. The accounts will be forwarded in duplicate to the chief surgeon or, if incurred at independent posts or stations, direct to the Surgeon General.

116. The family of an officer will be understood to include his wife, minor children, and other dependent members of his household, including servants.

117. Civilians employed in post exchanges are held to be entitled to the privileges of medical and hospital attendance and purchase of medicines allowed civilian employees under A. R. 1638, 1639, 1641, and 1653.

118. If citizens residing in the neighborhood of a military post desire the professional attendance of an Army medical officer, it is regarded as not inconsistent with the requirements of the regulations governing the Army for such officer to render his services, when this does not interfere with the proper performance of his official duties. But the establishment of an office outside of the limits of a military post for the purpose of engaging in civil practice is prohibited.

### MEDICAL SUPPLIES.

See A. R. 1666. Purchase of. A. R. 1667. Metric system to be used.

119. Medical officers in charge of medical supply depots will purchase and distribute medical and hospital supplies. In cases of emergency, articles not on hand will be purchased in small quantities to fill duly approved requisitions, without waiting for

the approval of the Surgeon General.

120. The Supply Table enumerates the medical supplies issued to the Army, and the quantities and sizes of original packages. The Medical Department will supply, from time to time, new remedies of determined therapeutic value; but newly introduced remedies, desired only for experiment, and such as offer no manifest advantage over those already issued, will not be supplied. These supplies are selected for the military service, and it is believed that all necessary articles are included, and that the quantities allowed will be found sufficient under ordinary circumstances. Requests for particular preparations simply because they are agreeable to the taste, or to save trouble in compounding, will not be approved; nor will preparations of a drug be furnished when one or more practically equivalent ones are on the Supply Table. (See par. 245.) The allowance specified in that table for an official population which corresponds most nearly to that of the post or command will be taken as a basis in filling out the annual requisition blanks for medical supplies.

### REQUISITIONS.

- 121. The senior medical officer of every post will make annual requisition for medical supplies for the year commencing January 1, unless another date is fixed by the Surgeon General. The requisition will be made in triplicate and forwarded to the chief surgeon; or, in the case of independent posts, in duplicate, to the Surgeon General. Before forwarding an annual requisition each copy will be carefully examined and compared with the Supply Table to see that it has been correctly made out in strict accordance with existing regulations. Great care will be exercised in this matter to avoid delay occasioned by the return of the requisition for correction.
- (a) Chief surgeons will see that annual requisitions do not call for any article not on the Supply Table, nor for quantities in excess of those therein allowed. They will forward one copy to the Surgeon General, with their action noted thereon, one, with their approval, direct to the medical supply depot designated by the Surgeon General for issue, and will retain one.
- 122. Annual requisitions will be forwarded to the chief surgeon within twenty days before the date at which the period they cover begins. They will be made only for articles that are, or probably will be, needed during the year: will state the quantity of all articles on hand, as verified by a medical officer in accordance with paragraph 133, and will give the total number of persons entitled by regulations to medicines. Quantities on hand will be deducted from the quantities allowed by the Supply Table. The quantities asked for will be computed on the basis of original packages.
- (a) Those articles only of which a definite allowance is given in the Supply Table will be required for on the annual requisition. When no allowance is stated and the articles are issued "as required" special requisition will be made, except for typewriter ribbons.
- (b) Quantities on hand will be deducted from the quantities allowed by the Supply Table on the annual requisition, except when such deduction would cause the breakage of bottles or original packages. Fractional parts of a bottle or package must not be required for.

- (c) Whenever articles are required to replace unserviceable property the exact number and condition of such unserviceable articles on hand will be stated on the requisition.
- (d) No remark will be made opposite the name of any article on the annual requisition that a special kind or special make or pattern is wanted, as the annual requisition is intended to include only such articles as are on the Supply Table, and which officers in charge of supply depots are authorized to issue, and not articles that are required to be specially purchased; the latter must be asked for on special requisition.
- (e) When articles not on the Supply Table or quantities in excess of the regulation allowance are needed they will be asked for on special requisition.
- (f) Window curtains and fixtures, window and door screens, and portable bookcases, will be required for on special requisition, complying with paragraph 146, Manual for the Medical Department.
- (g) Until further orders, microscopes, typewriters, bacteriological sets, formaldehyde generators, skeletons in cabinet, and cabinet for blanks will be asked for on *special* requisition only.
- (h) Typewriter ribbons, impression strips, ribbon shields, and clinical thermometers will be obtained on request by information slip addressed to chief surgeon.
- 123. Chief surgeons at their inspections will carefully investigate the method of preparing requisitions, particularly as to the necessity for the quantities asked for and the accuracy with which the quantities on hand are stated.
- (a) Requisitions for supplies for temporary posts or for those soon to be abandoned will be confined to such articles as are absolutely necessary.
- (b) Subposts and camps will, in the absence of orders to the contrary, obtain such medical supplies as may be required by requisition upon the senior medical officer of the post to which they are subsidiary, who will issue them after approval by the chief surgeon.
- (c) The smaller posts will not require all the articles included in the Supply Table, and the local prevalence or rarity of certain diseases, as well as the quantity or number on hand of each article, will be considered in the preparation and approval of requisitions.

- 124. When medical supplies are absolutely necessary before the annual requisition is made they will be asked for upon a special requisition, in triplicate, giving a list of the articles needed, and the quantity of each on hand, and the reasons for the necessity of such requisition. These will be transmitted through the chief surgeon, who will retain one copy and will forward two to the Surgeon General.
- (a) Chief surgeons will personally and carefully scrutinize these requisitions, and will make such changes as they may deem proper.
- 125. In all returns, requisitions, invoices, and receipts pertaining to medical supplies, the nomenclature, order of entry, and classification of the Supply Table will be strictly followed, and all copies will be carefully compared. They will be forwarded without letters of transmittal.
- 126. In cases of emergency, as sudden epidemics, not admitting of delay, chief surgeons are authorized to act upon special requisitions, forwarding one copy, with their action, to the nearest medical supply depot, one to the Surgeon General with an indorsement stating the circumstances, and retaining one; but requisitions for articles not on the Supply Table must, in all cases, be forwarded to the Surgeon General for his action.
- (a) When, as a result of the prevalence of an epidemic, or for any other reason, necessary supplies are likely to be exhausted, timely requisition must be made for additional supplies. Medical officers will be held accountable for any suffering which may result from their failure to ask for supplies when it is evident that they will be needed.

## TRANSFER OF MEDICAL SUPPLIES.

- 127. Officers transferring medical supplies will prepare in voices (Form No. 18) in duplicate and will forward them at once, one to the Surgeon General and one to the receiving officer. The receiving officer will prepare receipts (Form No. 19) in duplicate and will upon completion of the transfer promptly forward them, one to the Surgeon General and the other to the issuing officer. A packer's list (Form No. 17) will, if necessary, be furnished by the issuing officer. All supplies shipped will bear the name of the consignor as well as that of the consignee.
- 128. Great care should be exercised before receipting for cases of instruments, microscopes, and other property of similar

character not enumerated on the property papers in detail, to ascertain that the full contents of such cases are present and in good order. Incomplete cases will be receipted for as such, and a list of the missing instruments, etc., will accompany the receipt in order that the proper officer may be held accountable for the deficienc

- (a) Receipts, without remark, for cases of instruments and similar property will be considered as evidence that they are complete and in accordance with the lists of contents as given in the Supply Table, and the receiving officer will be held responsible in accordance therewith.
- (b) The issuing officer will enter on his invoices, and the receiving officer on his receipts, the condition of all articles not serviceable.
- 129. Medical officers will report to the Surgeon General and to the issuing officer all defects observed in the quality, quantity, or packing of medical supplies. They are requested to communicate freely to the Surgeon General any suggestions tending to the improvement of medical supplies, appliances, etc., and to make reports as to new designs of apparatus, field equipment, etc.
- 130. Medical officers will take up and account for all medical property of the Army that comes into their possession, and will report, when possible, to whose account it is to be credited.
- (a) Officers will be held responsible for the serviceable and complete condition of all property in their possession, except such as may have been rendered unserviceable by fair wear and tear.
- (b) In the absence of a medical officer the officer designated to take charge of medical property (A. R. 741) will sign all property and administrative papers.

#### ACCOUNTABILITY.

131. When nonexpendable articles (see par. 245) are lost or destroyed, the circumstances of the loss or destruction must be fully set forth in a certificate from the officer responsible for the property, or in a certificate of a commissioned officer cognizant of the facts, or, in the absence of these, in an affidavit of a non-interested person. If the evidence is considered satisfactory by

the Surgeon General, the responsible officer will be so informed and authorized to drop the articles from his returns. If not satisfactory, he will be required to replace them at his own expense.

- 132. Surgical instruments and appliances that require and are considered worth repairing will be reported to the Surgeon General through the chief surgeon, with a statement of the repairs needed. When requisition is made to complete a broken or imperfect instrument or apparatus, the name of the maker will be given. Instruments of different makes have been issued, and such information is required to insure the proper pattern and fit of the parts asked for.
- 133. The responsible officer will cause all instruments in his charge to be examined by a commissioned medical officer at least once each month. He will also once each year cause all medical property in his charge to be carefully examined by a commissioned medical officer, and verified by the returns, invoices, etc.
- 134. Officers will report to the Surgeon General such articles of furniture as may need and are considered worth repair or renovation by painting, varnishing, etc. This should be done by post labor if practicable, request being made for authority to purchase necessary material. If not practicable, the officer will obtain one or more estimates in detail of cost of repair or renovation of such furniture, and forward them through the chief surgeon for the action of the Surgeon General.
- 135. Articles issued to posts shall not be taken away by the officer on being relieved, nor when availing himself of a leave of absence, except by authority of the Surgeon General or of the chief surgeon.

### RETURNS OF MEDICAL PROPERTY.

136. Officers in charge of medical property will prepare annually, on December 31, unless another date is fixed by the Surgeon General, or when relieved from the charge thereof, returns of medical property (Form No. 20) in duplicate, showing those articles on hand at last return, those received, expended, issued, and sold, and those remaining on hand. The original of this return will be promptly transmitted to the Surgeon General. The duplicate, with a complete set of vouchers, will be retained for the protection of the officer responsible for the property.

(a) In exceptional cases a certified invoice may be offered by the issuing officer, in the absence of a receipt, as a substitute for the proper voucher, together with such additional evidence as he may possess in regard to the issue.

(b) No interlineations or erasures will be made on the returns, and all articles not provided for in the printed headings will be entered in proper order under the heading of additional articles.

(c) In invoicing or accounting for broken packages, such as bottles, jars, etc., fractions will be given as \(\frac{1}{2}\), \(\frac{1}{2}\), \(\frac{1}{2}\).

#### UNSERVICEABLE PROPERTY.

See A. R. 690, 697. Proceeds of sales of.

A. R. 691. Certificates of deposit.

A. R. 761. Method of sales of.

A. R. 979. By whom inspected.

A. R. 983. Disposition of inventories.

A. R. 987. Destruction of.

A. R. 989, Action on inspection reports by.

A. R. 1669. Not to be presented for condemnation until authorized by the chief surgeon.

137. Applications to submit unserviceable instruments, books, etc., for the action of an inspector will be forwarded in duplicate to chief surgeons of departments, who are authorized to act upon them.

138. When condemned medical property is sold at public auction the officer responsible therefor will prepare an account of sales (Form No. 9) in duplicate. He will also prepare an invoice (Form No. 10) in duplicate, of the articles sold. The original of this account of sales, accompanied by the original invoice and a copy of the inventory and inspection report, will be sent at once to the Surgeon General; the duplicate copies of each will be filed by the officer with his retained set of vouchers. In addition, one "Account of Sales at Auction," required by the accounting officers of the Treasury, will be prepared on a form furnished by the Surgeon General, and be sent to him with the accounts above called for and proper subvouchers. Should it be necessary to incur any expenses in connection with such sales they will be paid out of the total receipts before depositing the latter, in which case the expenses will be supported by properly prepared and receipted vouchers attached to the account of sales

#### USE OF MEDICAL PROPERTY.

See A. R. 1637. Hospital property not to be used for other than hospital purposes.

- 139. Chief surgeons will report every violation of A. R. 1637; but it is not to be construed as prohibiting medical officers from taking books and instruments from the hospital when necessary.
- (a) Under no circumstances will hospital bedding be used except within the hospital to which it has been supplied; nor will it be used by members of the Hospital Corps, except when on duty in the wards.
- $(b)\,$  The issue of soap or lye to hospital matrons for laundry use is not authorized.
- (c) The issue of articles for use in the preparation of cleaning mixtures, cosmetics, perfumery, use with spirit lamps, etc., is strictly prohibited.
  - (d) The exchange of medicines with druggists is prohibited.
- (e) Blankets not in use should be frequently examined, and occasionally shaken and hung out of doors. When stained and soiled, but otherwise in good condition, they should be washed and continued in service. When deemed necessary, authority will be given to-have them washed at a steam laundry, if one is near the post.
- (f) Laundry appliances will not be supplied to post hospitals. Washtubs will be furnished for the purpose of soaking sheets, clothing, etc., in disinfecting solutions.
- (g) Rubber matting one yard wide is allowed, when necessary, for strip down middle of the ward, and for halls of the hospital, including sufficient quantity for stair treads. It should be required for on special requisition giving the area of each space to be covered. Linoleum is issued for office and dispensary only.
- (h) Rubber and flexible catheters and bougies will be kept in the catheter box, using talc (French chalk) or glycerin to preserve them.
- (i) Pieces of canvas of the proper size for litters will be issued, as required, to replace pieces that may become torn or unserviceable. If soiled, the canvas will be removed from the litter, washed, and replaced.

#### VACCINE VIRUS.

140. Requests for vaccine virus will be made direct to the Surgeon General, or in the Division of the Philippines to the chief

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surgeon, by information slip. On account of its liability to become inert from various causes, especially from heat, it will be asked for in such quantities only as are needed for early use.

#### DISINFECTANTS.

See A. R. 1668, Prohibits routine issue of.

- 141. Disinfectants are issued, as are medicines, to be used by medical officers when actually required for some specific purpose. Chloride of lime, carbolic acid, and mercuric chloride are issued by the Medical Department for use as disinfectants, properly so called. A solution containing four per cent of good chloride of lime, or five per cent of carbolic acid, is suitable for disinfecting the excreta of patients with cholera or typhoid fever, or the sputa of patients suffering from diphtheria, scarlet fever, or tubercu-The floors, furniture, etc., in rooms occupied by patients suffering from an infectious disease may be washed with a two per cent solution of carbolic acid, or with a solution of mercuric chloride of 1-1000. Soiled bed linen, underclothing, etc., used by such patients should be immersed in one of the above-mentioned solutions before it is sent to the laundry. But in the absence of any infectious disease, these disinfecting agents are not required, and their expenditure for purposes of general post sanitation is not authorized.
- (a) The necessity for the use of antiseptics and deodorants is a reproach upon the sanitary police of a post, and should only be required under exceptional circumstances. The alvine discharges of healthy persons do not require disinfection and, when properly disposed of, do not require treatment with any chemical agent whatever. If water-closets or earth closets are offensive, this is due to faulty construction, to insufficient supply of water or dry earth, or to neglect of ordinary cleanliness. The attempt to remedy such defects by the systematic use of antiseptics is expensive and unsatisfactory in its results. The same is true of foul drains, bad-smelling urinals, accumulations of garbage, etc. The proper remedy for such conditions is cleanliness and strict sanitary police.
- 142. When accumulations of organic material undergoing decomposition can not be removed or buried, they may be treated with an antiseptic solution or with freshly burned quicklime. Quicklime is also a valuable disinfectant, and may be substituted.

for the more expensive chloride of lime for disinfection of typhoi and cholera excreta, etc. For this purpose freshly prepare milk of lime should be used, containing about 1 part, by weigh of hydrate of lime to 8 of water.

- (a) During the prevalence of an epidemic, or when there reason to believe that infectious material has been introduce from any source, latrines and cesspools may be treated with mil of lime, in the proportion of 5 parts to 100 parts of the contents the vault, and the daily addition of 10 parts for 100 parts of dail increment of feces.
- (b) Quicklime should be purchased in such quantities as material be necessary for the purpose of carrying out these instruction and vouchers sent to the Surgeon General of the Army for parameter from the medical and hospital appropriation; but the issue of lime at the expense of the Medical Department for white washing buildings not infected or as a deodorant for stable is not authorized.

#### STERILIZED DRESSINGS.

143. Sterilized dressings will not be issued for post use. The preparation is so simple and so well understood that they shoul be prepared as needed. First-aid packets will be reserved eclusively for field use, except those issued for instruction.

## FIELD APPLIANCES.

- 144. Field furniture will not be used at posts, except whe required for the instruction of men of the Hospital Corps.
- (a) Medical and surgical chests will be frequently inspecte and kept in perfect order for immediate field use. Under r circumstances will their contents be used at posts.
- 145. In time of war every officer and enlisted man will I furnished a first-aid packet by the Medical Department.
- (a) For purposes of instruction first-aid packets will be of tained by the surgeons of posts, upon special requisitions, an will be supplied by them to company commanders. The allowance for this purpose will be twenty packets for each compan of infantry, battery of artillery, or troop of cavalry. The dressings contained in these packets can be used repeatedly for the practical instruction of officers and enlisted men, and after bein used for this purpose they should be repacked in the original form

(b) First-aid packets are expendable, but care should be exercised to prevent any unnecessary expenditure; officers will be held strictly accountable for their proper and economical use.

## WINDOW CURTAINS, SCREENS, AND BOOKCASES.

146. When window curtains and fixtures, window and door screens, portable bookcases, and cabinets for blanks are required, the requisitions therefor will be special, and should be accompanied by an estimate of the cost of making suitable articles at or near the post. Wire netting will be furnished to repair such window and door screens as have become unserviceable.

#### PRESCRIPTIONS.

See A. R. 1667. Metric system to be used.

147. All prescriptions will be placed on file at the hospital; those for liquors will be placed on a separate file.

#### ARTIFICIAL LIMBS.

See A. R. 1672. Persons entitled to, A. R. 1673. Transportation to be fitted.

148. Application for an artificial limb or for its commuted value should be made by the claimant direct to the Surgeon General, War Department, Washington, D. C.

METEOROLOGICAL INSTRUMENTS, OBSERVATIONS, AND REPORTS.

149. Meteorological observations will be taken at such posts as may be designated by the Surgeon General, to whom a report will be rendered promptly at the end of each month, on the form furnished by the Director of the State Section of the Weather Bureau, and through the office of the said director. Such meteorological instruments as are required for use at designated posts will be obtained by application to the State section director; and when any of these instruments become broken or unserviceable the request for new ones will state the circumstances attending the breakage, and, if a thermometer, the parts of the instrument will be returned by mail to the office of the State director. Receipts for these instruments will be made out by the post surgeon, on forms transmitted with the instruments. When relieved from duty at a station, the surgeon will

notify the State officer, in order that the responsibility for the property may be properly transferred. Meteorological instruments heretofore issued by the Medical Department will be borne upon the returns of medical property until broken or worn out, but articles furnished by the Weather Bureau will not be taken up on these returns.

## ICE MACHINES.

- 150. Ice machines are issued to such southern posts as are unable to obtain, by purchase, ice for the use of the sick. They are furnished by the Medical Department to supply ice for the sick in hospital, and not for the comfort or convenience of the garrison at large. They will be accounted for and invoiced in detail.
- 151. Medical officers will pay special attention to the details of the manufacture of ice, both as to the proper management of the apparatus and to the financial results from the sale of ice, and will be held responsible for the condition of these machines and the results obtained.
- 152. In order to provide for the maintenance of the apparatus in complete running order, and to pay bills incurred for repairs promptly, a fund of at least three hundred dollars will be kept constantly on hand. When this fund is reduced by necessary expenses, such change will be made in the price at which ice is sold as will speedily restore it to the above minimum amount. The fund will be used for the following purposes only:
- (a) Running expenses proper, and repairs; fuel, when it can not be otherwise obtained; purchase of oil, ammonia, etc. When renewal of heavy parts of the apparatus is required, application will be made to the Surgeon General to secure their transportation. The purchase and transportation of ammonia in reservoirs will be paid for from the ice fund. Great care will be exercised to obtain such articles in time to allow of their shipment as freight, and not by express, and before the regular working of the apparatus is prevented by their absence.
- (b) An engineer and one assistant is usually a sufficient force to run an ice machine. No fixed rate can be made as to the compensation of the engineer, that being regulated by circumstances.
- (c) The detail, on special duty at the ice machine, of one enlisted man is authorized, and he may be paid a gratuity of not exceeding fifty cents per day.

- (d) The purchase from the ice fund of articles which may be bought from the hospital fund is prohibited. In exceptional cases, authority for a temporary transfer of money from the ice fund to the hospital fund may be obtained by application to the Surgeon General, setting forth fully the reasons for such request; but, if given, the authority will not be considered as constituting a precedent for such transfers. Bills incurred will be filed at post as vouchers.
- (e) Payment for the delivery of ice is not considered to be a proper charge against the fund. If it can not be delivered in a garrison free of expense, it should be issued only when called for at the place of manufacture. Payment for the collection of bills for ice furnished is also unauthorized.
- 153. The price at which ice is sold will be fixed by the medical officer in charge, subject to the approval of the chief surgeon. It may vary from month to month, according to the amount of and demand upon the ice fund.
- 154. After freely supplying the hospital, ice should, as a rule, be sold to companies, to officers, to the commissary of the post for the preservation of fresh beef, and to enlisted men and their families, at a certain price; to the post exchange and to quarter-master's employees at a somewhat higher price; and to civilians not in Government employ at a still higher price. The gratuitous issue of ice, except to the hospital and to patients entitled to medicines and medical attendance for whom it may be specially prescribed, is unauthorized.
- 155. When the officer responsible for the fund is relieved from duty, its transfer will be acknowledged by receipts written across the face of the last statement sent to the Surgeon General, and of the one retained at post. The ice machine will be accounted for in accordance with regulations.

### MEDICAL BOOKS AND JOURNALS.

- 156. Such new books as may be selected by the Surgeon General will be furnished without requisition.
- 157. The library of the Surgeon General's Office is intended for reference rather than for circulation, but books that can be readily replaced will be loaned to medical officers of the Army, they being held responsible for the safe return of the volumes

within two weeks from the day of their receipt. In special cases this time may be extended.

158. Medical journals and periodicals issued by the Surgeon General are to be considered as belonging to the hospital or station to which they are sent. They will be kept on file, and medical officers, on taking station, will ascertain that the files are complete. When a post is discontinued, a list of journals and periodicals will be sent, through the chief surgeon, to the Surgeon General, who will give directions as to their disposition.

### ABANDONMENT OF POSTS.

- 159. Unless modified by special instructions from the Surgeon General, the following general rules will be observed in the disposition of medical property upon the abandonment of the post:
- (a) Medicines, dressings, clothing, bedding, and miscellaneous articles in good and serviceable condition should be sent to other posts in the department.
- (b) Unserviceable property should be submitted to the action of an inspector, with a view to final disposition by sale or destruction.
- (c) Only such nonexpendable articles as are in perfect order, including recent medical works, and all instruments which can not be transferred to other posts without unnecessary duplication, should be turned in to a medical supply depot.
- 160. When a post is abandoned or a detachment is broken up, the medical officer will report the fact to the chief surgeon, and after completing all current reports, will forward them to the Surgeon General, together with all official papers, records, and record books pertaining to the Medical Department of the post.

### SUPPLY DEPOTS.

161. Medical officers in charge of supply depots will keep the following books of record, and turn them over to their successors: Record of letters received, of letters sent, of moneys received, of moneys disbursed, of orders given for medical stores, of articles received, of articles expended, of articles on hand, of requisitions. of issues, of invoices of packages turned over to the Quartermaster's Department, of contents of packages, and of employees.

162. Medical officers in charge of supply depots will prepare at the end of each quarter—

(a) A return, in duplicate, of medical property (Form No. 14).

(b) A quarterly abstract of receipts and issues (Forms Nos. 11, 12, and 13) in duplicate.

## DISBURSING OFFICERS.

See A. R. 658-738.

163. Medical officers detailed as disbursing officers will pay accounts against the Medical Department contracted by them. They will pay accounts contracted by other officers only when the same shall have been approved by the Surgeon General; except that routine accounts due to creditors residing in the insular possessions, or Alaska, may be paid by the disbursing officers there upon the approval of the chief surgeon of the military division or department in which the accounts were incurred. They will forward with every account for supplies purchased and paid for by them, or paid for on the approval of the chief surgeon as above, an invoice of articles received by purchase (Form 5); but no invoice is required with prescription accounts paid for on Forms 21 and 22.

#### ARMY MEDICAL MUSEUM.

See A. R. 1253. Shipment of articles for.

164. Medical officers and others interested in the progress of medical science are invited to make contributions to the Army Medical Museum. Medical officers who have the opportunity are expected to collect and send interesting medical and surgical specimens, especially those that illustrate tropical diseases and those that show the effects of modern firearms and of the more primitive weapons that still are employed in warfare. Examples of the arms, dress, domestic implements, articles of diet, and of medicine, when any of these differ from those used by the white race in the United States, would be acceptable. Also specimens of poisonous insects and reptiles and their influence on animal life are desired.

Soft tissues are preferably placed in a twenty per cent solution of commercial formaldehyde (or formalin); the specimen being completely covered by the solution. The fluid on very soft tissue,

or large masses of tissue, such as the liver, spleen, etc., should be changed after two or three days. When formalin is not obtainable, commercial alcohol may be used. Bones and joints, after having been roughly cleaned, may be simply wrapped in a cloth wet with the preservative solution, and then again wrapped in oil paper or silk.

Since glass and earthenware vessels are liable to be broken in transit, the use of tin vessels is recommended, the covers to be tightly soldered on. Whatever vessel is used should be packed in sawdust, excelsior packing, stiff paper, or equivalent substitute, in a wooden box. Small dry specimens may be sent by mail; and small wet specimens also, if inclosed in the boxes which have been approved by the Post Office Department.

Each specimen should be tagged with a slip of wood having written upon it in pencil for identification a number or letter, the name of the donor, the date and place of collection, and if practicable, a brief description of the specimen itself. Ordinary pencil marks upon wood are not affected by alcohol or formalin. A letter of advice reporting the mark on the specimen, briefly describing it, and if possible giving its history should be sent direct to the Museum. The more complete the history the more acceptable it will be.

(a) Although paragraph 1253, A. R., provides for the transportation of all such contributions through the Quartermaster's Department, it should be known that if the importance of the object, or security demands a more prompt delivery, the package may be sent by express to the curator of the Museum, by whom the charges will be paid. The receipt of every package will be duly acknowledged, and be credited to the contributor.

# REPORTS AND RETURNS.

See A. R. 1571. The sanitary report.

A. R. 1670. Return of medical officers.

A. R. 887. Lists of wounded.

A. R. 134. Report of desertions.

- 165. The senior surgeon of each hospital, post, regiment, or detachment will prepare and forward the following reports:
- (a) Daily.—(1) Report of sick and wounded, for the commanding officer; (2) report of the detachment of the Hospital Corps for the commanding officer.

- (b) Monthly.—(1) Sanitary report, paragraph 169; (2) report of sick and wounded, paragraph 206; (3) return of the Hospital Corps, paragraph 51; (4) monthly statement of the hospital fund and return of durable property, paragraph 110; (5) report of meteorological observations, paragraph 149; (6) report of the physicial examination of recruits, paragraph 233 (7) report of station and duty, paragraph 171, A. R. 1670; (8) report of repairs to hospitals and hospital steward's quarters, paragraph 87; (9) report of issues and sales of medicines to civilians, paragraph 117.
- (c) Yearly.—(1) Returns of medical property, paragraph 136, (2) estimates for repairs to hospitals and hospital steward's quarters, paragraph 87, A. R., 1648.
- (d) Occasional.—(1) Report of epidemic diseases, paragraph 166; (2) report of record books, paragraph 174; (3) list of wounded, A. R. 887; (4) report of deaths of officers, paragraph 168; (5) report of desertions. A. R. 134.
- (e) In the absence of a medical officer, the physician who renders professional service will sign papers of a professional character, such as reports of sick and wounded, surgical reports, morning sick reports, etc.
- 166. On the appearance of the first recognized case of cholera, yellow fever, or other epidemic disease at or near a military post or station, the medical officer in charge will at once report the fact to the chief surgeon and forward a duplicate of his report direct to the Surgeon General. Every medical officer in charge of cholera or yellow-fever patients will, in addition to the usual report of sick and wounded, render in duplicate, at the end of each month, a report (Form No. 27) containing a list of such patients, one of which he will forward to the chief surgeon and the other direct to the Surgeon General. At the close of the epidemic, or of his tour of service at the place, he will forward, with as little delay as practicable, a history of the epidemic, its origin or importation, its progress and decline, and the methods of treatment or prevention, with results; also results of autopsies.
- 167. Medical officers will notify local boards of health of any cases of yellow fever, cholera, smallpox, or other contagious diseases that may occur at their posts of duty.
- 168. The death of an officer, physician under contract, or hospital steward, will be immediately reported by the attending

surgeon or nearest medical officer to the chief surgeon and the Surgeon General. (See also A, R. 93.)

- 169. It is not necessary to report in full every month in the sanitary report required by A. R. 1571 when no change in the conditions has taken place since last report. A general statement under each of the headings should be made, with a reference to previous reports containing more extended information on the subject. But important changes in the sanitary conditions occurring during the month should be fully described.
- (a) If the subjects to be reported require more space than is provided by the blank form, use may be made of ordinary writing paper folded and transmitted as an inclosure.
- (b) It is to be observed that although these sanitary reports are valuable as furnishing a record of conditions, changes, and recommendations, they are not always the best form of communication for suggestions requiring administrative action. Medical officers having important recommendations to make should invite attention to their subject in a special communication or report.
- 170. Medical officers will, on the last day of every month, report to the Surgeon General their stations and duties during the month, giving a brief résumé of the service performed by them. They will also immediately report any change in their station and duties, stating the authority therefor, with number, date, and source of order in each case. See also A. R. 1670, which, as amended by G. O., 140, A. G. O., 1901, reads as follows:

Each chief surgeon will make to the Surgeon General on the last day of every month a return of medical officers, contract dental surgeons, and physicians under contract.

### SANITATION OF CAMPS.

171. In time of war a great responsibility rests upon medical officers of the Army, for the result of a campaign may depend upon the sanitary measures adopted or neglected by commanding generals of armies in the field. The medical officer is responsible for proper recommendations relating to the protection of the health of troops in camp or in garrison, and it is believed that, as a rule, medical officers of the United States Army are well informed as to the necessary measures of prophylaxis and the serious results which infallibly follow a neglect

of those measures, especially when unacclimated troops are called upon for service in a tropical or semitropical country during the sickly season. The attention of medical officers, and of all others responsible for the health of our troops in the field, is invited to the following recommendations:

(a) When practicable, camps should be established on high

and well-drained ground not previously occupied.

- (b) Sinks should be dug before a camp is occupied, or as soon after as practicable. The surface of fecal matter should be covered with fresh earth or quicklime or ashes three times a day. New sinks should be dug and old ones filled when contents of old ones are two feet from surface of ground. Every man should be punished who fails to make use of the sinks.
- (c) All kitchen refuse should be promptly buried and perfect sanitary police maintained.
- (d) Troops should drink only boiled or filtered water and coffee or tea (hot or cold), except where spring water can be obtained which is pronounced to be wholesome by a medical officer.
- (e) The discharges of patients with typhoid fever, camp diarrhea, or cholera should always be disinfected at once with a solution of carbolic acid (5 per cent) or of chloride of lime (6 ounces to gallon of water), or with milk of lime, made from fresh quicklime.
- (f) No doubt the diseases just mentioned are frequently communicated to soldiers in camp through the agency of flies, which swarm about fecal matter and filth of all kinds deposited upon the ground or in shallow pits, and directly convey infectious material, attached to their feet or contained in their excreta, to the food which is exposed while being prepared at the company kitchens or while being served in the mess tent. It is for this reason that a strict sanitary police is so important. Also because the water supply may be contaminated in the same way, or by surface drainage.
- (g) If it can be avoided, marches should not be made in the hottest part of the day—from 10 a. m. to 5 p. m.
- (h) When called upon for duty at night or early in the morning, a cup of hot coffee should be taken.
- (i) It is unsafe to eat heartily or drink freely when greatly fatigued or overheated.

- (j) Ripe fruit may be eaten in moderation, but green or overripe fruit will give rise to bowel complaints. Food should be thoroughly cooked and free from fermentation or putrefactive changes.
- (k) In decidedly malarious localities from three to five grains of quinine may be taken in the early morning as a prophylactic, but the taking of quinine as a routine practice should only be recommended under exceptional circumstances.
- (1) Light woolen underclothing should be worn, and when a soldier's clothing or bedding becomes damp from exposure to rain or heavy dews the first opportunity should be taken to dry it in the sun or by fires.

### INFORMATION SLIPS.

172. Information slips are intended for use by medical officers in cases where formal letters can be dispensed with, viz, personal reports of medical officers; changes in the status of Hospital Corps members and of hospital matrons; requests for authority for the recollistment of acting hospital stewards and privates: acknowledgments of receipt of S. G. O. circulars: requests for and acknowledgments of receipt of blank forms, clinical thermometers, typewriter ribbons, and vaccine virus; requests for special expenditures of the hospital fund; acknowledgments of receipt of funds for construction and repair of hospitals and hospital stewards' quarters and monthly reports of progress of work; explanations concerning reports of sick and wounded and outline They should not be used in any case requiring figure cards. action by another bureau. Letter forms, such as "Sir: I have the honor," and "Very respectfully," will not be used. Indorsements should follow in sequence in the usual form. remark nor action is required by the chief surgeon, his receiving stamp will take the place of an indorsement, to which may be added the words "contents noted," if deemed necessary. A memorandum will be entered on the stub, with the signature of the officer, to verify the record.

# BLANK FORMS AND RECORDS.

See A. R. 1761. The forms and notes thereon have the force of Army Regulations.

173. The following blank forms are issued for the use of the Medical Department. Requisitions will be made for a supply

for six months, and the required number of each blank will be stated:

statea:	Muchor Al Tay
Form No.	Title.
1	Invoice of funds.
2	Receipt for funds.
3	Account of funds received.
4	Voucher to abstract of disbursements, articles purchased, or services per- formed.
5	Voucher for property received by purchase.
6	Voucher pay roll of persons employed.
7	Abstract of disbursements,
8	Account current.
9	Account of sales at public auction of medical supplies.
10	Invoice of medical property sold at public auction.
11	Abstract of medical property received by purchase.
12	Abstract of medical property issued, sold, etc.
13	Abstract of medical property received from officers. ply depots only.
14	Return of medical property received, issued, and
	remaining on hand at medical supply depot.
	Requisition for medical supplies, post or field.
16	
	Packer's list of medical supplies.
	Invoice of medical supplies, large and small, post or field.
	Receipt for medical supplies, large and small, post or field.
20	
21	1
55	Voucher to abstract of disbursements (medicines furnished on prescription).
	Contract for medical supplies.
	Bond for fulfillment of contract.
25 26	• · · · · · · · · · · · · · · · · · · ·
20 27	
28	
29	1 •
80	
31	1
32	
88	
34	•
- 35	Statement of the hospital fund and return of durable property.
36	1
87	1 .
88	1
39	1 1
40	1
41	
	List of wounded.

Form No.	Title.
48	Voucher to abstract for disbusements (bill for examination and vaccination of recruits).
44	Account for hospital care and treatment of officers and enlisted men.
45	Report of dental operations, sheet 1.
46	Report of dental operations, sheet 2.
47	Report of open-market emergency purchase.
48	Invoice of dental supplies,
49	Receipt for dental supplies.
50	Annual requisition for dental supplies.
51	Return of dental property.
52	Proposals for laundry work.
53	Contract for laundry work.
54	Abstract of proposals, medical supplies.
	Account of sales at auction.
	Numerical weekly report of hospital.
	RECORD BOOKS, ETC.
	Deaths and interments.
	Information-slip book.
	Information-slip book of deserters.
	Letter-press book.
	Medical history of post (with printed headings), No. 1.
	Medical history of post, No. 2.
	Morning-report book.
	Order and letter book.
	Prescription book.
	Register and prescription book.
	Register of dental operations.
	Register of patients, and index.
i	Register of patients.
	Register of the hospital fund and return of durable property.
	Register of physical examination of recruits.
	Mailing tubes.

174. The report of record books pertaining to the Medical Department will be forwarded when an officer is relieved from duty or when a post is abandoned. The Descriptive and Deposit Book, the Clothing Book, and the Letter-press Book will be accounted for on this report. The Letter-press Book is not to be used as an "official record" of letters and indorsements sent. Orders, letters, letters received, and indorsements may be kept in separate books and substituted for the joint Order and Letter book and Letters Received and Indorsement book. In all record books a statement explanatory of the contents will be pasted on the inside of the front cover. Care must be taken that signatures are made in these books wherever necessary. Entries in

record books will be *continuous* until the books are filled; the date of commencement and of last entry to be noted on the report. In the column of *remarks* should be noted whether or not each book is in use, and if not, the reason should be stated. If all record books are not on hand, requisition for a complete supply will be promptly made.

### THE MEDICAL HISTORY OF THE POST.

175. The Medical History of the Post must be used exclusively for recording historical events in connection with the post, for the official indorsements on the report required by paragraph 1571, A. R., and for the entry of data of interest reported on page 1 of the monthly report of sick and wounded, including births and marriages. (See par. 213.)

In cases of birth, there should be entered the date, the sex, and name of the child, and the name, rank, etc., of the father, maiden name of the mother, and whether this child is the first or second, etc., resulting from the marriage. In cases of marriage, the date and names should be recorded with the rank or occupation of the man and the age and birthplace of the woman. In cases of death, the date and cause, together with the name, sex, and age of the individual.

#### REGISTER OF PATIENTS.

176. Separate registers will be kept for regular and volunteer troops.

177. The term "sick" or "wounded," applied to an officer or enlisted man treated in hospital, means that he is so disabled as to be unfit for all military duty; applied to one treated in quarters, that he is partially disabled and unfit for all military duties, unless his fitness for certain duties is specifically stated by the medical officer. Under any of these conditions he is technically on the "sick report," and his name should be borne on the Register of Patients.

178. The entries on the Register of Patients will be made day by day as the cases are admitted, and will be continuous, i. e., without break from day to day, month to month, or year to year. Ordinarily there will be but one entry for each case, although it may be prolonged for months. Exceptionally, cases which

present many complications may have to be carried forward to current date to secure space for a satisfactory record; but in all such cases the two entries should be connected by cross references.

- 179. Officers or enlisted men who are excused from all or any part of their military duty, such as attendance on certain calls. drills, target practice, mounted duty, etc., because of physical disability, are to be borne upon the register until their cases are completed; officers and enlisted men excused from school duty merely, and capable of performing their strictly miltary duties. need not be so borne. A case prescribed for, but not excused from duty, will not ordinarily be entered on the register: but when it is of such a character as to have a probable bearing on the subsequent medical history of the individual, or when from the exigencies of the service the officer or soldier continues to perform his duties, notwithstanding his manifest disability, it should be recorded on the register with a statement to that effect. When the status of an officer or soldier absent from his post on ordinary leave or furlough becomes changed to absence on account of sickness, his case should be entered on the register.
- 180. The cases of retired officers and enlisted men, and of civilians, including general prisoners, taken into hospital for treatment, should be entered on the register. When the status of a soldier while sick in hospital becomes changed to civilian, the case of the soldier should be closed and a new entry made for the civilian.
- 181. When a patient absent sick from his command is admitted to hospital for treatment, the surgeon in charge of the hospital should notify the surgeon on whose register the patient is borne, and request a formal transfer of the case. When the patient leaves the said hospital as cured, transferred, etc., the record of his case should be so completed; but if he leave the hospital uncured, or to resume a status of absent sick, the surgeon in charge of the hospital should send a transfer slip to the surgeon of the command to which the patient belongs, who should take the case up on his register.
- 182. A book of transfer slips is furnished by the Surgeon General to meet the necessities of moving commands, which passing near a post may leave their sick and wounded for treatment. It should be used also when cases are sent from one post or hospital.

to another, by change of station of company, for the sake of better accommodations, for benefit of climate, or for observation by the chief surgeon. The original slip should contain the patient's name, military description, date of admission to sick report, name of disease or injury, and such details of the case as will probably be of value to the receiving officer. It will be signed by the medical officer who makes the transfer, and will be forwarded with the patient. On the reverse of the slip the receiving officer will note the admission of the patient into hospital; and after carefully recording the information thereon in the register, paragraphs 191, 192, he will forward the slip with the next report of sick and wounded to the Surgeon General. In transfers to the Government Hospital for the Insane a slip containing a copy of the certificate that accompanied the soldier should be sent to the Surgeon General. The duplicates of the transfer slips will be left in the book and will form a part of the retained records of the hospital or command from which the soldiers were sent.

#### DIRECTIONS FOR PREPARING THE REGISTER.

183. In Column I will be inscribed the patient's number. Every case of sickness, death, discharge, etc., entered on the register will have a number for convenience of reference, and these numbers will be consecutive, and will be carried forward indefinitely. In order that the medical history of a patient may be more readily traced, his last register number, if he has been previously on sick report at the post, should be entered immediately over his current number. In the exceptional instances to which reference is made in paragraph 178 no change is made in the register number of the patient, which, with the name of the patient, should be entered to secure identification, but no further repetition of the original entry is necessary, as the words "carried from page —" written after the name will suffice to connect the record.

184. In Column II the Christian name and surname should be entered in full; initial letters may be used for middle names.

185. In Columns III, IV, and V, calling for "Rank," "Company," and "Regiment or Corps," the usual abbreviations may be employed.

186. In Column VI the age at last birthday should be entered. This entry is understood to be made on the date of admission.

187. In Column VII the letter W., C., or I., meaning white, colored, or Indian, will be entered.

188. Column VIII provides space for the State or country of birth.

189. Column IX calls for total number of years of service of the individual, whether continuous or not.

190. In Column X the day, month, and year of admission should be stated. Figures should not be used to designate the month.

191. The source of admission called for in Column XI is generally the command, but may be "from desertion," etc. When patients are received from other hospitals or commands the name of the hospital or command should be given in each case with the date of last entry on sick report when known. Information on transfer slips, paragraph 182, or on field registers, paragraph 198, when used for this purpose, accompanying such patients, should be carefully recorded.

192. In Column XII the cause or causes of admission should be stated; the name and location of the disease; cause, location, character, and severity of injury, with attendant circumstances. date of occurrence, and nature of missile, weapon, or other producing agent. It should be stated, also, whether the case is taken into the hospital or treated in quarters; and should a case in "quarters" be subsequently taken into "hospital," or vice versa, the date of the change should be given. When there is more than one cause, and the disability associated with any of them is cured before final disposition of the patient, the date of the said cure should be given. The diagnosis reported on transfer slips received with patients, or on field registers when used for this purpose, should be recorded, and when this diagnosis differs from that found by the surgeon at the receiving station the change should be noted in Column XIV. In reporting data pertaining to Column XII, space may be utilized, if deemed advisable, by spreading the information across the face of the columns on the left, beginning in the proper space and continuing so that the statement can readily be followed.

193. In recording the causes of admission, medical officers will make use of such terms as will briefly and accurately describe the disease or injury, governing themselves so far as possible by

the official nomenclature, paragraph 217. In this connection the following points should be held in view:

- (a) Pathological lesions should be recorded rather than their symptoms.
- (b) In all cases in which the cause of admission is a local manifestation of a general affection, the character and locality of the one and the nature of the other should be stated.
- (c) Diseases due to venereal contagion, the abuse of stimulants or narcotics, or to immoral practices should be so recorded.
- (d) Distinction should be made between the venereal ulcer known as chancroid and the hard chancre of primary syphilis.
- (e) Distinction should also be made between inflammations of venereal and nonvenereal origin, as in cases of balanitis, orchitis, bubo, etc., specifying the nature of the venereal cause and the causation in the nonvenereal cases.
  - (f) Inflammations should be reported as acute or chronic.
- (g) The term "heart disease" should not be recorded when the special affection can be determined.
- (h) In pulmonary affections the lobe or lobes involved should be stated, as also whether the disease is confined to the right or left or extends to both lungs; the complications of pleurisy should be particularly noted.
- (i) Deviations from the normal in cases of impairment of vision or hearing should be ascertained and noted.
- (j) The exact location, variety, and cause of hernia should be given, and when strangulated the condition and the means employed for relief.
- (k) Wounds should be designated as slight or severe; in gunshot wounds, the points of entrance and exit of missile and the parts implicated should be recorded.
- (l) Fractures should be designated as simple, comminuted, compound, or complicated, the character of the complications being stated.
- (m) When erysipelas, gangrene, pyemia, tetanus, etc., complicate cases of injury, the lesions associated with the complication should be carefully described.
- (n) When an injury is accidental, homicidal, suicidal, or judicial, it should be stated, with particulars in each instance.
- (o) In cases of old injury constituting a cause of admission, the condition of the injured part at the date of current admission should be stated. If there is no record of the original

injury in the register, the date, place, cause, and attendant circumstances, with the authority for the statements, should be entered; but if the original case is already recorded, a note of its register number in Column XII or XIV will suffice to connect the history.

(p) Special notes should be made of cases of malingering or feigned diseases, and of the means employed for their detection.

(q) When no diagnosis can be reached, the fact should be stated, together with the conditions which prevent the recognition of the disease or injury.

194. In Column XIII the opinion of the medical officer, based on a full consideration of all the facts as to whether the disease or injury occurred in the line of duty should be explicitly stated as yes or no. In forming and recording this opinion, medical officers will be guided by the following instructions:

(a) All diseases contracted or injuries received while an officer or enlisted man is in the military service of the United States may be assumed to have occurred in the line of duty, unless the surgeon knows: First, that the disease or injury existed before entering the service; second, that it was contracted while absent from duty on furlough or without permission; or, third, that it occurred in consequence of willful neglect or immoral conduct of the man himself.

(b) When a soldier is disabled while on pass, or in confinement, the question of line of duty must be determined by the circumstances attending the incurrence of the disability, but the fact of being on pass or in confinement should be stated.

(c) When a medical officer expresses the opinion that an injury occurring during athletic sports, properly indulged in, was received in the line of duty, the opinion is accepted by the Surgeon General as satisfactory and final.

(d) In all cases in which the opinion is expressed by no, the circumstances attending the incidence of the disability, and on which the negative opinion is based, should be stated in Column XII, or across the face of the columns on its left, if space can be economized in that way.

195. In Column XIV, surgical operations, unusual treatment, complications, intercurrent diseases, and change of diagnosis, with date of change, will be noted. If an intercurrent disease is in no way dependent on the primary affection the date of its

occurrence should be given, and an opinion should be recorded as to its origination in the line of duty; but if the complicating disease coexisted on admission, it should be recorded in Column XII as one of the causes of admission, and an appropriate entry regarding it should be made in Column XIII.

- 196. Column XV provides space for the record of the disposition made of the completed cases, and Column XVI for the date, day, month, and year of the final disposition. In Column XV should also be entered the date of departure and return in cases of leave of absence or furlough. When a patient leaves his station on furlough or leave of absence on account of sickness, his case remains incompleted on the register until his return, when he resumes his status of present sick; but if during his absence he is admitted for treatment to some other hospital or command, or the organization to which he belongs is assigned to duty at some other station, his case should be completed by formal transfer. On the other hand, if during his absence his status becomes changed to absent on ordinary leave or furlough, his case should be completed as returned to duty.
- (a) When a patient is returned to duty the entry duty will suffice, the cure being assumed to be complete unless a statement to the contrary is entered.
- (b) In cases of retirement or discharge by expiration of term, by order, sentence, or operation of law, the fact should be specified; and a statement should be made of the degree of disability due to the complaint for which the individual was under treatment at the time of his removal from service, unless it was unquestionably not received in the line of duty.
- (c) In retirements or discharge on account of wounds or disease, the cause and the degree of disability should be recorded, and if the cause be some other disability than that for which the patient was admitted, it should be stated whether it originated in the line of duty; and in this instance, also, when the opinion expressed is no, the circumstances attending the incidence of the disability and on which the negative opinion is based, should be recorded. In all cases of discharge on certificate of disability the date of discharge as given in the letter of notification from the adjutant should be recorded.
- (d) In the cases of those not upon sick report found incapacitated for active service, and of those retired or discharged for

disability, the nature of the disability, whether it originated in the line of duty, and other facts of interest obtainable, together with the date of departure from post, will be entered.

- (e) The causes of deaths, and whether they originated in the line of duty, as also the results of autopsies, should be recorded in this column.
- (f) Deaths of officers and soldiers not on sick report, and of retired officers, exofficers and exsoldiers with the command, should also be entered with appropriate details and a statement as to whether the cause of death originated in the service and in the line of duty.
- (g) Should the cause of death in any case be unknown, a brief note of such circumstances as may throw light on the subject should be entered. In cases of suicide the cause or causes which led to the act should be stated.
- (h) When the disease or injury causing death or discharge has been aggravated by the willful and persistent refusal of the patient to submit to such reasonable restrictions, methods of treatment, or surgical operations as would, in the opinion of the medical officer, have conduced to the cure or to the lessening of the disability, the fact should be noted.
- (i) In case of transfer to another hospital or command, the specific destination of the patient, and whether for "benefit of climate," "observation of the chief surgeon," "change of station of company," etc., with the authority for the transfer should be stated.
- (j) In cases of desertion, the name, rank, company, and regiment or corps of the individual should be repeated in Column XV in connection with the entry completing his case.

Should the individual return from desertion and his former status on sick report be resumed, his case will be entered on the current page of the register, but should the disease or injury for which he is taken on sick report on his return be different from that for which he was formerly under treatment, he will be reported as a new case admitted from the command.

197. Entries in the register will be given sufficient space to prevent crowding or misconstruction (see par. 192), and be plainly and correctly written. No writing will be permitted to encroach on the margin of the register. Corrections should be authenticated by the initials of the surgeon, who will place his official signature at the foot of each page.

#### FIELD REGISTER.

198. For detached commands temporarily in the field on scouting expeditions, practice marches, or in cummer camps, the blank form of "Report of Completed Cases," sheet 2, Form No. 25, will be used as the "Field Register." the headings of the sheets being made to correspond to their extemporized use. From the entries on this Field Register the report of sick and wounded, paragraph 206, will be made; and when all the cases have been completed by transfer to the stations to which the troops of the field command are ultimately assigned, and have been so reported on the final report of sick and wounded from the said field command. the Field Register will be forwarded to the Surgeon Generalby the surgeon of the command, if he has transferred his cases by slips, or by the surgeon of the receiving station if the Field Register has been turned over to him to effect the transfer of the uncompleted cases to the permanent register of his post. paragraphs 191 and 192.)

199. In time of war, medical officers on duty with such organizations as battalions, regiments, batteries, etc., will enter their cases in the register, and will make up their report of sick and wounded, paragraph 206, in accordance with regulations. Separate registers should be kept and reports of sick and wounded, paragraph 207, made out for regular and for volunteer troops. Transfer for treatment or better accommodation to the division, brigade, or other field hospital of the command will be regarded as completing a case on the battalion or regimental register.

200. When those who are unable to march are to be sent from the command to some hospital other than the division, brigade, or other field hospital, the surgeon of the command will enter on his register the names, etc., of those who are to be sent away; and when he has furnished a copy of this list to the officer who is to take charge of the sick on their journey, he will complete their cases on his register by transfer en route to the hospital which is understood to be their destination.

201. To prepare a list of wounded (see A. R. 887), the medical officer will enter on his register the names of all those of the command who are officially known to him as having been killed or wounded. As a member of the battalion or regimental staff the medical officer cooperates with company commanders in providing the materials for the field report of killed, wounded, and

missing sent by the commanding officer to the Adjutant General as the official record of the losses. The information gathered for this purpose at the dressing stations in the field, and subsequently by inspection of the wards and registers of the field hospitals, will enable him to perfect his own register by completing thereon by transfer to the division, brigade, or other field hospital all those cases that have already been taken up on the register of the latter, and retaining as uncompleted only those that remain under his personal care with the regiment or detachment. From this register thus perfected the list of wounded above mentioned will be prepared.

202. The officer in charge of the records of a division, brigade, or other field hospital, will enter in the permanent register the cases that are received by transfer from the medical officers of the command; and from the entries thereon the report of sick and wounded will be made out in accordance with regulations. Cases will be considered completed, so far as the registers of these hospitals are concerned, when the patients are transferred to any other hospital.

203. In all cases of transfer the medical officer in charge of the train of sick and wounded should, if possible, be provided with a nominal list of the patients intrusted to his care. He should verify this list personally, or, if the train be large, by his subordinates; and when arrived at his destination should turn it over to the medical officer of the receiving hospital. Should any of his cases be lost en route by death, capture, etc., he will note the facts on the list of transfers against each case so lost and report these facts and names to the Surgeon General.

204. If the military conditions are such that it is impossible for the officer in charge of the records of the division, brigade, or other field hospital to furnish a list of the sick and wounded that are to be transferred, the medical officer in charge of the train should verify the number of men turned over to him, and have the nominal list made out while *en route*. Should he be unable to accomplish this, the names of those who seem to be in danger of death should be taken so as to be able, if the events should require it, to make report to the Surgeon General.

205. The senior surgeon in charge of men sent direct from military commands in the field (see par. 200) will report the losses that occur during the period of his responsibility; so,

also, when patients are left behind by the advance or retreat of a division, brigade, or other field hospital, the senior surgeon left with them will take measures, if he has not been furnished with a nominal list, for the identification of his patients, for their subsequent transfer, and for the notification of losses by death or other causes.

### REPORT OF SICK AND WOUNDED.

- 206. The Report of Sick and Wounded will be made on blank form 25, sheets 1 and 2. These sheets provide for a numerical report of the sick and wounded, with general remarks in connection therewith on the first page, and for a detailed report, on the second and following pages, of all cases of sickness completed during the month and remaining sick on the last day, as shown on the register. (See pars. 211, 214, and 215.)
- 207. This report is required monthly from every post, separate command, and general hospital, and will be rendered separately for regular and volunteer troops, that of regulars to embrace all data pertaining to civilians. When more than one sheet is required to perfect the report, the sheets should be stitched together through the binding space before forwarding. The report should be forwarded in duplicate, one copy to the Surgeon General direct, the other to the chief surgeon, before the fifth day of the next succeeding month.
- (a) In time of war only one copy of this report is required to be made out. It should be forwarded from general hospitals direct to the Surgeon General, unless otherwise ordered, and from organizations and hospitals in the field to the Surgeon General through the chief surgeon.
- 208. If there has been no case on sick report, either remaining from last report or admitted during the month, the Report of Sick and Wounded will nevertheless be forwarded. It will give the name and strength of the command, etc., with such remarks as the circumstances may suggest as of interest to the chief surgeon or the Surgeon General.
- (a) When a hospital is closed or an organization is broken up, a report covering the unreported period of service, giving the beginning and end thereof, should in like manner be forwarded within five days after the breaking up of the organization.

- (b) If a hospital is opened or closed during the month the orders directing it should be stated in the report. In either of these cases an information slip should be sent immediately to the chief surgeon and the Surgeon General; and in the event of closure or abandonment, etc., the medical records should be sent to the Surgeon General. (See par. 160.)
- 209. Entries on the Report of Sick and Wounded should be plainly and correctly written, using a moderately coarse pen and permanent black ink. Corrections should, in every instance, be authenticated by the initials of the medical officer. No writing should be permitted to encroach on the margins or on the binding space.
- 210. Under the heading "Command," on the first page of the report, will be specified the regiment, companies, and detachments comprising the command, and the brigade, division, army, or department of which it forms a part. Important variations from the general composition of the command, as the arrival or departure of companies, should be stated under "Remarks" on the left, giving the date and the names of accompanying medical officers, if any. The mean strength called for by the report for the period which it covers will be obtained officially from the adjutant, or, in the case of general hospitals, from the executive officer's records.
- 211. The numerical statement which follows the strength of the command will show the number of patients remaining under treatment at the date of last report, and the number admitted from all sources, the aggregate of these being accounted for as completed cases and as cases remaining on sick report in hospital and in quarters at date, those absent sick being included among the latter until final disposition. The completed cases comprise those terminated by return to duty, death, discharge for disability, by expiration of term or by special orders, retirement for disability or by operation of law, desertion, transfer to other commands, etc. Deaths and retirements, and discharges for disability occurring, "not on sick report," will be tabulated in red ink above the line and in the proper space, full details in such cases to be reported on the Register of Patients and Reports of Sick and Wounded. The numerical statement will show also the aggregate number of days lost from sickness by those in hospital, in quarters, and absent. Below the data for soldiers will

be shown those for general prisoners and other civilians treated in hospital and borne on the Register of Patients.

- 212. The first page of the report provides two columns for remarks. That on the left is intended for short notes on matters of general interest in relation to the medical condition of the command, such as the character of prevailing diseases, their causation, and the measures adopted for their prevention, the hardships and exposures attendant on marches or campaigns, or the insanitary condition of camps.
- (a) In case of the occurrence of smallpox, and the vaccination of the command, the results of the vaccination will be given in a special report on the measures taken for the suppression of the disease; or they may be entered in the column of remarks on the left of the first page of the report of sick and wounded in connection with the cases of vaccinia that have been treated.
- (b) Important variations from the general composition of the command will be reported here as directed in paragraph 210.
- (c) The notes called for in this column should not be considered as relieving a medical officer from the obligation of reporting specially on any of the subjects indicated should its importance require a special record. It should be remembered also that the entries under the heading "Remarks" have merely a historical value as bearing on the sickness or mortality of the command for the period covered by the report. The regular monthly sanitary report or special reports to the adjutant are the means provided for securing official action to remedy insanitary conditions.
- (d) The result of post-mortem examinations may be entered in this column.
- 213. The column on the right is intended for notes of a like general character on the diseases affecting the civilian attachés of the command, the extent of their prevalence, their probable causes and predisposing conditions. The civilian attachés include the wives and children, relatives and servants of officers and enlisted men as well as all other civilians, male and female, connected with the command or permitted to live at the post, including departmental employees, retired and discharged soldiers, and military prisoners, who, by the terms of their sentence or otherwise, have been discharged from the service of the United States; but the employees of contractors engaged temporarily in building or other work are not to be considered as attachés of the

command. In addition to general remarks there may also be entered short notes on points connected with the history of individual cases, memoranda of post-mortem examinations, etc., but special reports of unusual or interesting cases should be rendered separately; also, births, marriages, and deaths, the record of which is required in the Medical History of Post (see par. 175), should be transcribed to this column.

- (a) Special reports on medical, surgical or sanitary subjects, when involving only professional interests, and when based on official records or on experience gained in the discharge of official duties, should be sent to the Surgeon General through the chief surgeon. If a medical officer desires to publish a paper of this character, request for authority to publish should be made to the Surgeon General. On the other hand, if an officer has written on a subject which is outside of his official work and does not involve reference to official records there is no need to submit the paper to the Surgeon General.
- 214. On the second page of the report, and on as many similarly ruled pages as may be necessary, will be entered the required details from the register concerning the cases of those remaining from previous month and admitted during the month. They will be transcribed to the report in the same order in which they appear on the register; that is, they will be arranged in the sequence of their register numbers or in chronological order of the admissions. Those cases which are completed in the month will be full transcripts of the entries on the register, except that in Column XVI the day of the month only need be given, as all the entries in that column refer to the same month of the same year. When much space is required to perfect an entry pertaining to any column, the information may be spread across the face of the columns on the left, beginning in the proper space and continuing so that the statement can be readily followed.
- 215. Cases remaining on sick report at the end of the month will have, in their respective columns, the register number, name, rank, company, and regiment or corps, the date of admission and source if from other hospitals with cause so far as determined at the time, and will have the word "Remaining" written or stamped in Column XV. In the report for the month of December, Columns VI, VII, VIII, and IX should also be filled in and the place of treatment given in Column XII; alterations

or amendments noted on cases remaining at the end of each month do not relieve the medical officer from reporting fully on the completed case, including such changes.

216. The officer rendering the report will fill in and sign the certificate at the foot of the first page, and will close in the last entry on the last page by his official signature. In the absence of a medical officer or attending physician it is expected that the officer in charge of the property of the hospital (A. R. 741) will sign the Register of Patients and the Report of Sick and Wounded.

### NOMENCLATURE OF DISEASES.

217. Diseases and injuries reported by medical officers on their Report of Sick and Wounded will hereafter be classified in accordance with the arrangement in the following list:

## CLASSIFIED LIST OF CAUSES OF ADMISSION TO SICK REPORT.

### I .- INFECTIOUS DISEASES, GENERAL AND LOCAL.

Scarlet fever.
Measles,
Rötheln.
Yariola,
Varioloid.
Vaccinia.
Varicella.
Typhus fever.
Influenza.
Dengue.
Mamps.
Whooping cough.
Diphtheria.
Typhoid fever.
Cholera.
Yellow fever.
Cerebrospinal meningit

Cerebrospinal meningitis.
Malarial fever, intermittent.
Malarial fever, remittent or continued.

Malarial fever, pernicious.
Malarial cachexia.
Fevers of undetermined causation.
Anthrax.
Glanders.
Erysipelas.
Septicemia.
Rheumatic fever.\*
Tetanus.
Tuberculosis of the lungs.
Tuberculosis of other organs.
Carcinoma.\*

Trichinosis.
Syphilis.
Gonorrhea.
Gonorrhea epididymitis and orchitis.
Chancroid and results.
Other diseases of this class.

LOCAL INFECTIONS WHICH ARE ALSO ENTERED UNDER "STRUCTURAL AND FUNCTIONAL DISEASES OF ORGANS."

Scobies,
Dermatophyti.
Tonsillitis.
Pericarditis.
Endocarditis.
Phlebitis.
Bronchitis, acute.
Plearing, acute.
Dysenlery, acute.
Dysenlery, acute.
Peritantis, acute.

Meningitis.
Appendicitis.
Appendicitis.
Lynghitis and Pyelonephritis.
Cyntitis.
Lymphangeitis.
Adentis, noncenereal.
Abscess.
Furuncle.
Carbinole.
Whitlow.

<sup>\*</sup> Etiology not determined; probably due to parasitic infection.

### II.-DISEASES OF NUTRITION, GENERAL.

Anemia. Leucocythemia. Glycosuria. Gout. Scurvy.

Other diseases of this class.

### III.-STRUCTURAL AND FUNCTIONAL DISEASES.

### A. DISEASES OF THE NERVOUS SYSTEM.

Alcoholism, acute.
Alcoholism, chronic.
Delirium tremens.
Apoplexy.
Cerebral congestion.
Chorea.
Epilepsy.
Insanity.
Locomotor ataxia.
Meningitis.

Myelitis.
Narcotic poisoning, acute.
Narcotic poisoning, chronic, or drug habit.
Neuritis.
Neuralgis.
Neurasthenia.
Nostalgia.
Paralysis.

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### B. DISEASES OF THE DIGESTIVE SYSTEM.

Corrosive and irritant poisons, effect of.
Diseases of the salivary glands and ducts.
Diseases of the teeth, gums, and alveoli.
Diseases of the mouth and tongue.
Tonsilitis.
Peritonitis, acute.
Dyspepsia.
Gastritis.
Gastric ulcer and hemorrhage.
Colic.
Constipation.
Tenia or other intestinal parasites.

Diarrhea, acute.
Diarrhea, chronic.
Enteritis.
Appendicitis.
Dysentery, acute.
Dysentery, chronic.
Hemorrhage, intestinal.
Fistula in ano.
Hemorrhoids.
Biliary colic and calculi.
Jaundice, catarrhal.
Hepatitis.
Hepatic cirrhosis.
Other diseases of this class.

Other diseases of this class.

### C. DISEASES OF THE CIRCULATORY SYSTEM.

Angina pectoris. Cardiac irritabilty. Cardiac degeneration. Pericarditis. Endocarditis. Valyular disease and results.

Cholera morbus.

Thrombosis and embolism, Ancurism, Varicose veins, Phlebitis, Other diseases of this class,

D. DISEASES OF THE RESPIRATORY ORGANS.

Larynx, disenses of. Coryza. Bronchitis, acute. Bronchitis, chronic. Bronchitis, capillary. Emphysema. Asthma. Pulmonary congestion.
Pulmonary hemorrhage.
Pneumonia, catarrhal.
Pneumonia, croupous.
Pleurisy.
Other diseases of this class.

### E. DISEASES OF THE GENITO-URINARY SYSTEM:

Prostatitis.

Pyelitis and pyelonephritis.
Nephritis, acute parenchymatous.
Nephritis, chronic parenchymatous.
Renal cirrhosis.
Calculus, renal.
Calculus, vesical.
Cystitis.
Enuresis.
Retention of urine.
Hematuria.

Prostatic hypertrophy. Urethral stricture. Balanitis, nongonorrheal. Paraprimosis. Phimosis. Varicoccle. Hematoccle. Hydroccle.

Other diseases of this class.

### F. DISEASES OF THE LYMPHATIC SYSTEM AND DUCTLESS GLANDS.

Adenitis. Lymphangeitis. Splenic hypertrophy. Other diseases of this class.

### G. DISEASES OF THE MUSCLES, BONES, AND JOINTS.

Muscular contraction.

Arthritis.

Muscular rheumatism and myalgia.

Arthritis, chronic rheumatic.

Whitlow. Osteitis and results.

Bunion. Synovitis.

Periostitis.

Other diseases of this class.

### H. DISEASES OF THE INTEGUMENT AND SUBCUTANEOUS CONNECTIVE TISSUE.

Corns and warts. Ingrowing nail. Chilblain. Abscess. Furuncle. Carbuncle. Ulcer.

Erythemata. l soriasis. Prurigo and lichen.

Herpes. Eczema and pemphigus. Impetigo and acne.

Scabies. Dermatophyti.

Hospital gangrene. Dermatitis from poisonous plants. Other diseases of this class.

### I. DISEASES OF ORGANS OF SPECIAL SENSE.

### (a) Diseases of the eye.

Lids, diseases of. Lachrymal apparatus, diseases of. Conjunctivitis, acute. Conjunctivitis, chronic. Corneitis. Sclerotitis. Choroid, diseases of. Tritia

Retinitis. Snow-blindness. Asthenopia. Cataract. Glaucoma. Amaurosis. Night blindness. Other diseases of the eye.

### (b) Diseases of the ear.

Diseases of external car. Diseases of the tympanum. Diseases of middle and internal car. Earache. Deafness.

# (c) Diseases of the nose.

Nasal catarrh, chronic. Nasal hemorrhage.

Nasal polypus.

Hanging.

### IV.—ACCIDENTS AND INJURIES.

### A. GENERAL INJURIES.

Burns and scalds, general. Crushing.

Insolation. Drowning.

Exhaustion from fatigue or exposure. Explosion.

Lightning. Starvation, exclusive of disease.

Suffocation, exclusive of disease. Venomous bites, stings, and wounds. Freezing.

### B. INJURIES TO SPECIAL PARTS.

Abrasions and blisters, mechanical. Burns and scalds, local. Compression of the brain. Concussion of the spine. Contusions and sprains, Dislocations. Foreign bodies, presence of. Fracture, exclusive of gunshot. Frostbite. Hernia, inguinal.

Hernia, other.
Orchitis, from injury.
Strain, muscular.
Wounds, contused.
Wounds, incised.
Wounds, lacerated.
Wounds, punctured.
Wounds, gunshot.
Secondary results of local injury.
Other local injuries.

### V.-UNCLASSIFIED.

Malingering. Under observation, not diagnosed, or unknown. Homicide. Suicide. Self-maiming. Judicial execution.

- 218. Medical officers in recording the causes of admission to sick report will make use of this nomenclature in all cases for which a specific title is provided. Experience has shown that it includes most of the causes of disability likely to occur in army practice. In recording cases for which a title is not specially provided, as, for instance, those which, in a consolidation of the statistics, would be tabulated under "Diseases of the mouth and tongue," "Diseases of the external ear," etc., or thrown among "Other diseases of this class," such terms will be used as will briefly and accurately describe the disease or injury, while conforming as far as possible to the nomenclature generally accepted by the profession. Medical officers will report in this way also when the cases are to be consolidated on the classified list under a generic term, as in certain of the diseases of the skin.
- (a) The organ or part affected should be specified when the name of the morbid condition fails to indicate it, as in paralysis, aneurism, ulcer, herpes, etc., as also in inflammations, as adenitis, osteitis, arthritis, synovitis, etc., and in local injuries, as abrasions, burns, contusions, dislocations, etc.
- (b) The surgical characteristics of wounds, fractures, hernia, etc., should be stated; and in cases of poisoning the name of the poison should be given.
- (c) Cases of hernia suitable for an operation should receive surgical treatment. Operations for the radical cure of hernia will be performed by medical officers specially designated by the Surgeon General or chief surgeon. Medical officers will report cases of hernia considered favorable for operation to the chief surgeon or to the Surgeon General in the case of independent posts. If the case is considered unsuitable for operation,

or if the soldier declines operation, the fact will be noted upon the certificate of disability.

### EXAMINATION OF RECRUITS.

See A. R. 937-947. Physical examination of.

A. R. 942, 945. Vaccination and its records,

A. R. 943. Recruits unfit for service or illegally enlisted.

A. R. 944. Examination prior to leaving rendezvous.

A. R. 946. Examination on arrival at post.

A. R. 947. Register of examinations and monthly reports of recruits examined.

A. R. 1662, 1663. Compensation to civilian physicians for examinations.

219. The minimum height of a recruit is at present fixed at five feet four inches for all branches of the service, although recruiting officers are allowed to exercise their discretion as to the enlistment of desirable recruits (such as band musicians, schoolteachers, tailors, etc.), who may fall not more than one-fourth of an inch below the minimum standard of height; the maximum height for the cavalry service is five feet ten inches; that for infantry and artillery is governed by the maximum of weight, to which should be applied the rule for proportion in height (see par. 230).

220. The minimum weight for all recruits is one hundred and twenty-five pounds, except for the cavalry, in which enlistments may be made without regard to a minimum weight, provided the chest measurement and chest mobility are satisfactory. The maximum for infantry and artillery is one hundred and ninety pounds; for cavalry and light artillery, one hundred and sixty-five pounds.

221. The chest mobility, i. e., the difference between the measurement at inspiration and expiration, should be at least two inches in men below five feet seven inches in height, and two and one-half inches in those above that height.

### MODE OF EXAMINING A RECRUIT.

222. In passing a recruit, the examining officer is to examine him stripped; to see that he has the free use of his limbs; that his chest is ample; that his hearing, vision, and speech are perfect; that he has no tumors or ulcerated or extensively cicatrixed legs; no rupture or chronic cutaneous affection; that he has not received any contusion or wound of the head that may impair his faculties; that he is not a drunkard; is not subject to convulsions, and has no infectious or other disorder that may unfit

him for military service. The recruit must be effective, ablebodied, sober, free from disease, and of good character and habits.

- (a) The room in which the examination is conducted should be well lighted and large enough for the men to exercise in walking, running, and jumping, as every organ directly concerned in locomotion should be subjected to inspection. Only those persons who are absolutely required should be present at the examination.
- (b) The person of the recruit should be washed with soap and water before he is presented for inspection. It is not, however, believed to be good policy to enlist men who, though able-bodied and intelligent, appear at recruiting stations in ragged or filthy dress, as the chances are such men are tramps and vagabonds and will not make good soldiers. Men who, though attired in clean and respectable clothing, are found to be filthy in their persons, should be promptly rejected for like reason.
- 223. Thoroughness in the preliminary examination is assured by a methodical inquiry into the family and personal history of the applicant, whose replies should be recorded at the time. For this purpose a printed form is furnished by the Adjutant General (form for the physical examination of a recruit). The form also serves as evidence, should the recruit allege unfitness from a defect that is feigned, or be subsequently found unfitted for duty on account of one which has been concealed.
- (a) The questions prescribed in this form are intended simply as the guide to a careful and searching examination into the physical history of the applicant for enlistment. If his replies suggest the existence of any infirmity or defect, special inquiry should be made concerning it, in order that the most complete information may be elicited. The questions, and any others necessary to develop his fitness for the duties of a soldier, should be asked and the man's replies recorded, by the recruiting efficer, before he is stripped, after which the examination is proceeded with. Dashes, in lieu of definite answers, are not to be used.
- 224. In the absence of a commissioned medical officer or contract surgeon, recruiting officers are authorized to employ a civilian physician to make the examination of recruits preceding enlistment required by Army Regulations, at the following rates of compensation:
- (a) For the examination of a single recruit, one dollar; of two recruits on the same day, one dollar and fifty cents; of three on

the same day, two dollars; of four on the same day, two dollars and fifty cents, and forty cents for each recruit over four examined on any one day.

- (b) At recruiting stations where a large number of recruits are to be examined, or when a recruiting officer goes from place to place for the purpose of securing recruits, application will be made to the Surgeon General for authority to employ a physician by the month under contract.
- (c) When a recruiting officer who has employed a contract surgeon under proper authority is ordered from place to place to make enlistments, he will give the contract surgeon proper written orders in advance to accompany him for the purpose of examining recruits, naming the places to be visited, and stating in the order that the travel enjoined is necessary for the public service.
- 225. In the absence of a medical examiner the recruiting officer will make and record the physical examination. In this case the form will remain with or follow the recruit until he has undergone examination by a physician, who will note the same upon the front fold. It will then be forwarded without delay to the Surgeon General, except as provided in paragraphs 944 and 946, A. R.
- (a) In every case where the examination form does not have to follow the recruit, it should be sent with the outline figure card, paragraph 236, direct to the Surgeon General. If the examination form has to be sent elsewhere for completion by a medical officer, the outline figure card is not to be delayed, but should be forwarded at once to the Surgeon General with a memorandum slip stating when and where the examination form has been sent.
- 226. Each peculiarity or deviation from the normal standard is to be noted on the form for the physical examination of a recruit.
- (a) If a careful inspection is made and a defect is noted, which is not considered by the officer making the examination to be disqualifying, he is relieved from responsibility; but if he passes a recruit who has a serious defect, which is discernible by an ordinary layman, and enlists the man without noting the defect upon the examination form and the enlistment paper, it evidences neglect in the examination.
- (b) There may sometimes be specially desirable applicants whose examination will disclose some defect not of a serious nature, which in the opinion of the recruiting officer and that of

the examiner of recruits will not impair the efficiency of the men as soldiers. Such cases may be reported to the Adjutant General for decision, with a statement of the nature and extent of the defect and with appropriate recommendation. When authority to enlist has to be obtained from the Adjutant General, the fact should be noted on the examination form.

- (c) Alteration in the name of the recruit, past or present, is also to be noted.
  - (d) In stating birthday, give month, day, and year.
- 227. Before recruits leave the station for the rendezvous or post they should be carefully reexamined and a statement to that effect made on the form, with a note descriptive of any defect which may have been discovered or contracted since the enlistment.
- 228. A completed examination form is required for file in the office of the Surgeon General in the case of every soldier who completes enlistment or reenlistment by taking the oath (including scouts and Indians). In the case of applicants who do not take the oath it may be destroyed after it has served its purpose in the conduct of the examination.
  - (a) No letter of transmittal is necessary.
- 229. As Indian scouts are now enlisted for three years they will undergo the same physical examination as other enlisted men. The examination form will be used for this purpose, and, when filled up and completed, will be forwarded to the Surgeon General.
  - 230. The following table is given for convenience of reference:

Table of Physical Proportions for Height, Weight, and Chest Measurement.

		Chest Measurement.			
Height.	Weight.	At expiration.	Mobility.		
Inches,	Pounds.	Inches,	Inches,		
64	128	32	2		
65	130	32	2		
66	132	3214	2		
67	134	33	2		
68	141	3314	216		
69	148	3312	217		
70	155	34	21.5		
71	162	3417	217		
72	169	343	217 3		
73	176	3514	3		

- (a) It is not necessary that the applicant should conform exactly to the figures indicated in the above table. A variation not exceeding ten pounds in weight or two inches in chest measurement (at expiration) below the standard given in the table is admissible when the applicant for enlistment is active, has firm muscles, and is evidently vigorous and healthy. The table is given to show what is regarded as a fair standard of physical proportions and not as an absolute guide to be followed in deciding upon the acceptance of recruits.
- 231. All accepted recruits not already protected will be vaccinated before leaving a recruiting station for a rendezvous, regiment, or post. This will apply also to recruits enlisted at military posts or camps. Vaccine virus is supplied by the Surgeon General of the Army. The compensation for vaccination of a recruit by a civilian physician not in the Government service is fifty cents.

(a) The following directions will be observed by medical examiners in carrying into effect the requirements of A. R. 942:

- 1. Sterilize the area to be vaccinated—usually the outer aspect of the left arm at or near the insertion of the deltoid—by thoroughly scrubbing with soap and water, using a scrub brush and following with alcohol. The skin should be permitted to dry by evaporation.
- 2. Scarify the arm within the sterile area at three points not less than an inch from one another. This should be done with a sterile needle or lancet by making several fine parallel scratches and cross scratches. These should be only deep enough to slightly redden the surface.
- 3. Apply the lymph from tube or point, spread it over the scarified surface with a suitable sterile instrument, allow to dry, and then cover with a sterile protective dressing.

### REENLISTMENTS.

232. When authorized by the War Department under A. R. 936, clause 4, and A. R. 937, recruiting officers may reenlist discharged soldiers who present themselves within the prescribed limit of time, notwithstanding they may have some physical disqualification which would cause their rejection as recruits: Provided, they have no serious defect which would probably prevent the discharge of their duties as soldiers. In all such cases

the defects and the fact that they existed prior to reenlistment will be noted on the soldier's reenlistment papers and examination form.

Note.—In modifying the requirements for reenlistment it is the intention of the War Department to provide for the continuance in service of such faithful soldiers as have incurred disabilities during prior enlistments which probably will not unfit them for duty in the future; as, for example, hernia, which is kept in place by wearing a truss; piles; varicose veins; certain defects of vision, as near or far sight; the loss of certain fingers or toes; mutilations by gunshot or other wounds, etc.

### MONTHLY REPORTS OF EXAMINATIONS OF RECRUITS.

- 233. Monthly reports of examinations of recruits, Form No. 30, S. G. O., required by paragraph 947, A. R., to be sent to the Surgeon General of the Army, are not called for in the cases of volunteers, nor are entries of examinations of volunteer recruits to be included in the monthly reports of regulars.
- (a) A separate report is to be rendered for each place at which examinations are made.
- (b) Each report will give a complete record of every applicant for enlistment or reenlistment physically examined during the month. It should not include the cases of applicants rejected before being stripped, nor the secondary examinations made after recruits are sworn in.
- (c) If no applicant is examined during the month, a letter or information slip stating that fact will be forwarded in lieu of the report. This applies to regular posts and recruiting stations only.
- (d) When there is a medical officer at the station the report will be rendered by him; otherwise by the recruiting officer.
- (e) Height and chest measurements will be given in inches and fractions thereof. In the column "White or Colored," write "W." for white and "C." for colored; for Indians write "I.," and state in Remarks the service for which enlisted. In the column "Married or Single," write "M." for married and "S." for single.
- (f) Final action will be recorded in the column "Accepted, Rejected, or Declined," by the term "accepted" (abbreviated entry "A.") for applicants who take the oath of enlistment; and "rejected" (abbreviated "R."), "declined" (abbreviated "D."), etc., as may be required in other cases. When an applicant is rejected, before taking the oath, whether by the recruiting

officer or the examining surgeon, the cause of rejection will be stated in "Remarks."

- (g) The report will be held at station until final action can be recorded for all recruits on probation at the end of the month, six days (the maximum period of probation) if necessary. When final action in any case is deferred for a longer period the report will be forwarded on the sixth day, noting under "Remarks" that the case is in abeyance; and the Surgeon General should be apprised by letter or information slip of the final action when reached.
- (h) One line should, as a rule, suffice for each case, and but one case should be entered on a line. Additional sheets will be used as necessary (each to be headed), and fastened together at the top. The report will be briefed upon the last sheet, and its correctness attested by the signature of the officer who renders it.

# EXAMINATION OF CADETS AND CADET CANDIDATES.

- 234. A deviation from the table of physical proportions may be made in the examination of candidates for admission to the United States Military Academy, and for members of the graduating class, whenever this is deemed necessary by the Medical Examining Board.
- 235. Medical officers will be guided by the following instructions in examining candidates for admission to the United States Military Academy:
  - (a) Hearing must be normal in both ears.
- (b) Vision, as determined by the official test types, must not fall below  $\frac{9}{40}$  in either eye, and not below  $\frac{9}{40}$ , unless it can be made normal by proper glasses.
- (c) Color-blindness is not a cause for rejection, but must be noted upon the form for physical examination, and the applicant so informed.
- (d) Accepted candidates, if between seventeen and eighteen years of age, should not fall below five feet three inches in height and one hundred pounds in weight; if between eighteen and nineteen years, five feet three and one-half inches in height and one hundred and five pounds in weight; if over nineteen, five feet four inches in height and one hundred and ten pounds in weight.

(e) The weight and chest measurement at expiration should not fall materially below the following standard, which, however, is not to be considered as absolute, and should not be strictly adhered to in the case of active boys who are less than eighteen years of age:

Height.	Pounds.	Chest meas urement at expiration.
61 inches	118	30 inches
i5 inches		301% inches
6 inches		31 inche
7 inches		31% inches
8 inches		313% inches
9 inches	132	32 inches
0 inches		321/4 inches
l inches	142	321% inches
2 inches		33 inches

- (f) Candidates will be carefully examined, while stripped, by the methods prescribed in the authorized manual for the examination of recruits, and will be rejected for any mental or physical defect which would constitute a cause of rejection in the case of a recruit, or for any apparent feebleness of constitution, or cachexia.
- (g) The result of the physical examination in each case, whether accepted or rejected, will be recorded on the blank form furnished by the Adjutant General for this purpose and forwarded to the Surgeon General.

### OUTLINE-FIGURE CARDS.

See A. R. 1015. Cards to be made for general prisoners prior to release from confinement.

- 236. A record of the marks upon the person of the accepted recruit will be made upon an outline-figure card. The blanks will be furnished by the Adjutant General.
- (a) Outline cards, when filed in the Surgeon General's Office, become the records to which reference will be made thereafter for the purpose of identifying soldiers of the Regular Army making application for pensions, or other claims against the Government of the United States; also for the identification of deserters and other undesirable men on their reentering the service. Medical officers and others who may be concerned in

the preparation of these cards, therefore, are enjoined to exercise every care that they may be made complete.

- 237. A card is required for every soldier of the Regular Army who completes enlistment by taking the oath, except scouts, whether enlisting for the first time or not, and whether for the line or one of the staff departments. The card should not be forwarded until the recruit is sworn in, and should then immediately, upon completion, be sent direct to the Surgeon General. No letter of transmittal is required.
- (a) The outline-figure card and the form for the physical examination of a recruit required to be sent to the Surgeon General of the Army, in the case of every recruit enlisted for the Regular Army, are not called for in the case of volunteers.
- (b) Outline-figure cards are not required in cases of enlistment for service in the Provisional Porto Rican regiment nor for the native organizations in the Philippine Islands authorized by the act of Congress approved February 2, 1901.
- 238. The outline-figure card will be prepared and forwarded for enlistments made at military posts, by the medical officer or the civilian physician making the medical examination; for enlistments made at other recruiting stations, by the medical officer or the civilian physician, if there is one; otherwise, as follows:

  (1) When the recruit is sent direct to regiment, rendezvous, or post, by the medical officer who examines the recruit upon his arrival there; (2) when, before joining the regiment, rendezvous, or post, the recruit is discharged, is allowed a furlough, or is assigned to duty at the recruiting station, by the enlisting officer.
- 239. All indelible or permanent marks of whatsoever character upon the person of the recruit, whether peculiar in themselves or not, should be recorded on the cards, viz: Scars (including vaccination marks), moles, birthmarks and pigmentations, circumcisions, amputations or other losses of joints of fingers or toes, tattoo marks, the absence of teeth (designating those that are absent), and malformations or deviations from the normal standard of any part of the person. It is not, however, desired that the cards shall be encumbered with the record of trifling and valueless marks minute in size, when better marks are found in sufficient number, (10 to 15).
- 240. A careful and systematic search of the body should be made, front and rear, on each side of the median line, separately,

commencing at the scalp and ending at the foot. The marks found will be recorded and described as indicated in paragraph 241.

- (a) Cards showing less than five marks in addition to vaccination scars, tattooings, loss of teeth, and deformities (which should likewise be noted), can not be relied upon in the effort to discover identity or to establish it in suspected cases. Experience shows that as many as ten or fifteen marks may usually be found.
  - (b) If no mark be found upon the recruit, the fact should be stated upon both the front and back of the card; likewise, if marks are found upon the front and none upon the rear or vice versa, the entry "no mark" should be made upon the appropriate side of the card.
  - (c) Outline-figure cards are to be made out in permanent black ink. Copying ink or indelible pencils should not be used.
  - (d) Name.—Christian name in full, middle initial (if any), and surname is the order to be used. The name should be written very plainly, or preferably typewritten or printed in plain gothic letters as shown on sample card, page 116. Any change in name, past or present, should be noted.
  - (e) Organization.—The company and regiment to which the recruit is assigned should be stated, if known.
  - (f) Age.—The age at the time the card is prepared is the one to be given.
  - (g) Height.—The height is to be given in inches, and, as it is relied upon as a base in comparing the cards of recruits with the classified descriptions of former soldiers, and as the measurement may to a considerable degree be affected by efforts at deception on the part of the subject, great care in ascertaining it is enjoined.
    - (h) Hair.—The scale of hair colors may be given, as follows:

Dark brown.

Flax color.
Light brown.
Of red hair, as follows:
Brick red.
Sandy red.
Auburn (reddish brown).

Black.
Of gray hair, as follows:
Dark gray.
Light gray, approaching white.

Iron gray (mixed).

(i) Eyes.—The eyes should be compared by placing the subject with his face in good light. Slide the Standard Eye Chart up or down the left side of the face, close to the left eye. The

nearest approach in similarity of color is the number to be given. If the right eye is distinctly different in color its number also should be given.

(j) White or colored.—Write the word "white" or "colored" to indicate race, as the case requires. Do not indicate it by crossing out one of the words.

(k) Date of last prior enlistment in Regular Army.—Service in the volunteers is not to be given, nor, if the recruit has had prior service, is the date of his discharge wanted. If the recruit has had no prior Regular Army service, write the word "none."

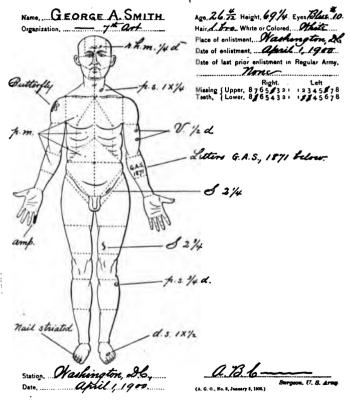
(1) Missing teeth.—To indicate missing teeth, draw lines through the numbers corresponding to the teeth that are absent. If none are missing, write the word "no" in front, or above, the words "missing teeth." This will show that they were not overlooked.

(m) Station and date.—Write the name of the station at which

the card is made out, and the date of its preparation.

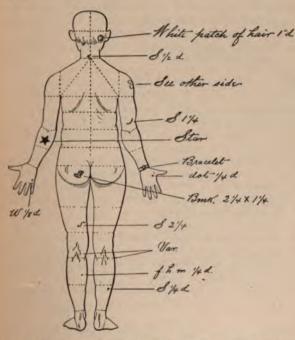
- 241. Marks on the outline-figure card should be made at points corresponding to those occupied by the marks on the body of the recruit. This may readily be accomplished by drawing imaginary lines on the body of the recruit, like the dotted lines on the card, and placing the mark in its proper position on the card. As the dotted lines mark the boundaries of regions which are used in the systematic arrangement of the cards for purposes of identification, it is of importance that each mark on the card should be placed in its proper position.
- (a) A pen picture is desired of all marks, showing their inclination and general shape. In the case of tattoos this is optional. See front and back of sample figure card on pages 116 and 117.
- (b) A straight line should be drawn from each mark to its description on the right or left of the figure. When avoidable, these lines should not cross each other.
- (c) When a description is common to a number of marks, it need not be repeated for each one, but the lines may converge to it, if they can do so without crossing others.
- (d) The size of all scars, moles, warts, birthmarks, etc., are to be given in inches or fractional parts thereof, except in the case of pin head moles (abbrevation p. m.).
- (c) Pin-head moles are moles less than one-eighth of an inch in diameter.

(f) Tattoo marks should invariably be noted and described in detail as they appear. In the case of devices composed of two or more figures, the component parts should be named, e. g., "Heart, cross, and anchor," not "Faith, Hope, and Charity." "Clasped hands," not "Friendship." "Eagle, shield, crossed cannon, flags, and arrows," not "American Coat of Arms." The same applies to all emblems, coats of arms, lodge pins, badges, etc.



(g) Letters, initials, and words should be printed, by hand, in plain Roman capitals or Gothic, thus: "J. H. M.," "U. S. V.," "IXL." "IN GOD WE TRUST," etc.

(h) Details of costume, posture, and relationship to other devices should be given in the case of tattooed representations of men and women, e. g., "Woman clinging to a cross;" "Man and woman embracing, houses, lighthouse and ship in the background;" "Sailor standing by a tombstone, weeping willow over head, cap in right hand, words in memory of my mother on stone."



- (i) The size of tattoos need be given only in the case of dots, blotches, circles, lines, etc.
- (j) It is not necessary to state the color or kind of pigment used in the tattooing.
- (k) Do not crowd the description of tattoos between the right arm of the figure and the edge of the card in front, nor the left arm and edge of the card on the back.

- (l) Indecent or obscene tattooed designs are causes for rejection, but the applicant should be given an opportunity to alter the design, in which event he may, if otherwise qualified, be accepted.
- (m) Do not write on the figure. The figure is to be used only for the purpose of locating, by pen pictures, the different marks found on the body of the recruit.
- (n) Amputations and losses of parts of fingers and toes should be noted, showing the particular member injured and how much of it is gone.
- 242. The following abbreviations are authorized, and will be understood in the sense indicated, viz:

```
Amp. ::::amputation.
                                                    h. - hairy.
  bl. -- blue.
                                                    m.≔mole.
Bmk .= birthmark.
                                                    p. = pitted.
                                                 p. m. -- pin-head mole.
 bro. =brown.
   d .= depressed, except when following
                                                    r.=raised.
          a dimension; then it stands for
                                                     s. .: scar or smooth.
                                                    v. - vaccination.
          diameter.
    f. = flat.
                                                  var. = varicose veins or varicocele.
   fl.=: fleshy.
                                                    \mathbf{w} = \mathbf{wart}
```

- (a) All combinations of these abbreviations are admissible, e. g., p. s.  $\frac{1}{2}$  d.=pitted scar one-half inch in diameter; r. h. m.  $\frac{1}{4}$  d.=raised hairy mole, one-quarter inch in diameter; s. 1"= scar one inch long; f. p. s. 1 x  $\frac{1}{2}$ =an oval, flat, pitted scar one inch long and one-half inch wide.
- (b) Abbreviations denoting shape are unnecessary, for the letter "d," following a dimension, shows that the mark is circular; two dimensions given indicate that the mark is oval or oblong, and when no letter follows the dimension it is understood that the scar or mark is linear.
- (c) When a linear mark or scar is otherwise than straight, the length to be given is the shortest distance from one extremity to the other.
- (d) The letters T. M. should not be used as abbreviations for "tattoo mark," as they are liable to be taken for tattooed letters on the person.
- 243. Outline-figure cards are required also for soldiers discharged dishonorably or without honor. This record will be made from an examination of the man immediately prior to discharge (unless the discharge is followed by a period of confinement at a military post); it will show the date and place of enlistment as in the case of recruit cards, and will cite the order

for the discharge and the date upon which it is to take effect. When the dishonorable discharge is followed by a period of confinement at a military post, the card should be prepared about two weeks prior to the release of the prisoner; and in addition to the data above required, note should be made of the probable date of release. The card in these cases will immediately, upon completion, be forwarded to the Surgeon General. No letter of transmittal is required.

### GENEVA CONVENTION.

See A. R. 238. Flag of the Geneva Convention.

244. The convention between the United States, Baden, Switzerland, Belgium, Denmark, Spain, France, Hesse, Italy, Netherlands, Portugal, Prussia, Wurttemberg, Sweden, Greece, Great Britain, Mecklenburg-Schwerin, Turkey, Bavaria, Austria, Russia, Persia, Roumania, Salvador, Montenegro, Servia, Bolivia, Chili, Argentine Republic, Peru, and Japan; with additional articles: For the amelioration of the wounded in armies in the field; concluded August 22, 1864; acceded to by the President March 1, 1882; accession concurred in by the Senate March 16, 1882; proclaimed as to the original convention, but with reserve as to the additional articles, July 26, 1882; commonly known as the Geneva Convention, is as follows:

## ORIGINAL CONVENTION.

ARTICLE I. Ambulances and military hospitals shall be acknowledged to be neuter, and as such, shall be protected and respected by belligerents so long as any sick or wounded may be therein.

Such neutrality shall cease if the ambulances or hospitals should be held by a military force.

ART. II. Persons employed in hospitals and ambulances, comprising the staff for superintendence, medical service, administration, transport of wounded, as well as chaplains, shall participate in the benefit of neutrality, whilst so employed, and so long as there remain any wounded to bring in or to succor.

ART. III. The persons designated in the preceding article may, even after occupation by the enemy, continue to fulfill their duties in the hospitals or ambulance which they serve, or may withdraw in order to rejoin the corps to which they belong.

Under such circumstances, when these persons shall cease from their functions, they shall be delivered by the occupying army to the outposts of the enemy.

ART, IV. As the equipment of military hospitals remains subject to the laws of war, persons attached to such hospitals can not, in withdrawing, carry away any articles but such as are their private property.

Under the same circumstances an ambulance shall, on the contrary, retain its equipment.

ART. V. Inhabitants of the country who may bring help to the wounded shall be respected, and shall remain free. The generals of the belligerent powers shall make it their care to inform the inhabitants of the appeal addressed to their humanity, and of the neutrality which will be the consequence of it.

Any wounded man entertained and taken care of in a house shall be considered as a protection thereto. Any inhabitant who shall have entertained wounded men in his house shall be exempted from the quartering of troops, as well as from a part of the contributions of war which may be imposed.

ART, VI. Wounded or sick soldiers shall be entertained and taken care of, to whatever nation they may belong.

Commanders in chief shall have the power to deliver immediately to the outposts of the enemy soldiers who have been wounded in an engagement, when circumstances permit this to be done, and with the consent of both parties.

Those who are recognized, after their wounds are healed, as incapable of serving, shall be sent back to their country.

The others may also be sent back on condition of not again bearing arms during the continuance of the war.

Evacuations, together with the persons under whose directions they take place, shall be protected by an absolute neutrality.

ART. VII. A distinctive and uniform flag shall be adopted for hospitals, ambulances, and evacuations. It must, on every occasion, be accompanied by the national flag. An arm badge (brassard) shall also be allowed for individuals neutralized, but the delivery thereof shall be left to military authority.

The flag and the arm badge shall bear a red cross on a white ground.

ART. VIII. The details of execution of the present convention shall be regulated by the commanders in chief of belligerent armies, according to the instructions of their respective governments, and in conformity with the general principles laid down in this convention.

### ADDITIONAL ARTICLES.

ARTICLE I. The persons designated in Article II of the Convention shall, after the occupation by the enemy, continue to fulfill their duties, according to their wants, to the sick and wounded in the ambulance or the hospital which they serve. When they request to withdraw, the commander of the occupying troops shall fix the time of departure, which he shall only be allowed to delay for a short time in case of military necessity.

ART. II. Arrangements will have to be made by the belligerent powers to insure to the neutralized person, fallen into the hands of the army of the enemy, the entire enjoyment of his salary.

ART. III. Under the conditions provided for in Articles I and IV of the Convention, the name "ambulance" applies to field hospitals and other temporary establishments, which follow the troops on the field of battle to receive the sick and wounded.

ART. IV. In conformity with the spirit of Article V of the Convention, and to the reservations contained in the protocol of 1864, it is explained that for the appointment of the charges relative to the quartering of troops, and of the contributions of war, account only shall be taken in an equitable manner of the charitable zeal displayed by the inhabitants.

ART. V. In addition to Article VI of the Convention it is stipulated that, with the reservation of officers whose detention might be important to the fate of arms and within the limits fixed by the second paragraph of that article, the wounded fallen into the hands of the enemy shall be sent back to their country, after they are cured, or sooner if possible, on condition, nevertheless, of not again bearing arms during the continuance of the war.

# [Articles concerning the Marine.]

ART. VI. The boats which, at their own risk and peril, during and after an engagement pick up the shipwrecked or wounded, or which having picked them up, convey them on board a neutral or hospital ship, shall enjoy, until the accomplishment of their mission, the character of neutrality, as far as the circumstances of the engagement and the position of the ships engaged will permit.

The appreciation of these circumstances is intrusted to the humanity of all the combatants. The wrecked and wounded thus picked up and saved must not serve again during the continuance of the war.

ART. VII. The religious, medical, and hospital staff of any captured vessel are declared neutral, and, on leaving the ship, may remove the articles and surgical instruments which are their private property.

ART. VIII. The staff designated in the preceding article must continue to fulfill their functions in the captured ship, assisting in the removal of the wounded made by the victorious party; they will then be at liberty to return to their country, in conformity with the second paragraph of the first additional article.

The stipulations of the second additional article are applicable to the pay and allowance of the staff.

ART. IX. The military hospital ships remain under martial law in all that concerns their stores; they become the property of the captor, but the latter must not divert them from their special appropriation during the continuance of the war.

ART. X. Any merchant ship, to whatever nation she may belong, charged exclusively with removal of sick and wounded, is protected by neutrality; but the mere fact, noted on the ship's books, of the vessel having been visited by an enemy's cruiser, renders the sick and wounded incapable of serving during the continuance of the war. The cruiser shall even have the right of putting on board an officer in order to accompany the convoy, and thus verify the good faith of the operation.

If the merchant ship also carries a cargo, her neutrality will still protect it, provided that such cargo is not of a nature to be confiscated by the belligerents.

The belligerents retain the right to interdict neutralized vessels from all communication, and from any course which they may deem prejudicial to the secrecy of their operations. In urgent cases special conventions may be entered into between commanders in chief, in order to neutralize temporarily and in a special manner the vessels intended for the removal of the sick and wounded.

ART. XI. Wounded or sick sailors and soldiers, when embarked, to whatever nation they may belong, shall be protected and taken care of by their captors.

Their return to their own country is subject to the provisions of Article VI of the Convention, and of the additional Article V.

ART. XII. The distinctive flag to be used with the national flag, in order to indicate any vessel or boat which may claim the benefits of neutrality, in virtue of the principles of this Convention, is a white flag with a red cross. The belligerents may exercise in this respect any mode of verification which they may deem necessary.

Military hospital ships shall be distinguished by being painted white outside, with green strake.

ART. XIII. The hospital ships which are equipped at the expense of the aid societies, recognized by the governments signing this Convention, and which are furnished with a commission emanating from the sovereign, who shall have given express authority for their being fitted out, and with a certificate from the proper naval authority that they have been placed under his control during their fitting out and on their final departure, and that they were then appropriated solely to the purpose of their mission, shall be considered neutral, as well as the whole of their staff. They shall be recognized and protected by the belligerents.

They shall make themselves known by hoisting, together with their national flag, the white flag with a red cross. The distinctive mark of their staff, while performing their duties, shall be an armlet of the same colors. The outer painting of these hospital ships shall be white, with red strake.

These ships shall bear aid and assistance to the wounded and wrecked belligerents, without distinction of nationality.

They must take care not to interfere in any way with the movements of the combatants. During and after the battle they must do their duty at their own risk and peril.

The belligerents shall have the right of controlling and visiting them; they will be at liberty to refuse their assistance, to order them to depart, and to detain them if the exigencies of the case require such a step.

The wounded and wrecked picked up by these ships can not be reclaimed by either of the combatants, and they will be required not to serve during the continuance of the war.

ART. XIV. In naval wars any strong presumption that either belligerent takes advantage of the benefits of neutrality, with any other view than the interest of the sick and wounded, gives to the other belligerent, until proof to the contrary, the right of suspending the Convention, as regards such belligerent.

Should this presumption become a certainty, notice may be given to such belligerent that the Convention is suspended with regard to him during the whole continuance of the war.

ART. XV. The present act shall be drawn up in a single original copy, which shall be deposited in the archives of the Swiss Confederation.

The additional articles have been acceded to by the United States, and signed on behalf of Great Britain, Austria, Baden, Bavaria, Belgium, Denmark, France, Netherlands, North Germany, Sweden and Norway, Switzerland, Turkey, and Wurttemberg, but will not acquire full force and effect as an international treaty until the exchange of the ratification thereof between the several contracting states have been effected.

(a) All persons connected with the Medical Department of the Army in the field, or referred to in Article II of the Treaty, shall wear habitually during the war, on the left sleeve of the coat, midway between the shoulder and elbow, a brassard or arm badge, consisting of a red cross on a white ground.

(b) All hospitals, ambulances, and field stations of the Medical Department will habitually display the Red Cross flag, accom-

panied by the National flag.

(c) Permits, in duplicate for civilians, to be present with the Army, in the service of the Medical Department, may be given by authority of a division commander; one copy of the permit will be retained by the person neutralized, and its duplicate should be forwarded promptly to the Chief Surgeon of the Army.

(d) Persons neutralized under this authority will report themselves at once to the chief surgeon of division for instructions.

(e) The wearing of the arm brassard by any person not officially neutralized is prohibited.

(f) Hospital ships are required to carry the Geneva Cross flag at the fore whenever the National flag is flown, and their neutrality must at all times be preserved. No guns, ammunition, or articles contraband of war, except coal or stores necessary for their movement, will be placed on board, nor should they be used as transports for carrying dispatches, officers or men not sick or disabled, other than those belonging to the Medical Department.

(g) The War Department recognizes for any appropriate cooperative purposes the American National Red Cross as the civil central American committee in correspondence with the International committee for the relief of the sick and wounded in war.

### GENERAL SUPPLY TABLE.

245. In computing the official population entitled to medicines at a station, the nearest round number in the supply table is to be taken, and requisitions made accordingly. The names of expendable articles are printed in Roman type and nonexpendable in italic.

# 246.

### MEDICINES.

All bottles used as containers for drugs or medicines, whether solid or liquid, except for those of a very volatile or corrosive nature, are supplied in 1-liter, 500 c. c., 250 c. c., 125 c. c., and 25 c. c. sizes, and conform to approve standard patterns. Corrosive or volatile articles are supplied in glass-stoppered bottles of 200 c. c. and 20 c. c. capacity. All bottles smaller than 1 liter bear a definite relation as regards cubic space occupied to the standard unit bottle of that size, so that 2, 4, 8, or 32 of the smaller sizes, or various combinations of these sizes, can be packed in the same space as the 1-liter bottle. Bulky medicines supplied in tins are issued in metal containers having outside dimensions of the standard 1-liter bottle, as packed for transportation. Tubes containing hypodermic tablets are 70 millimeters long and have a diameter of 5.5 millimeters, outside dimensions. These tubes are packed in tins having the outside dimensions of the 25 c. c. bottle.

Articles.		Allowances for one year for posts having official pop- ulation of—							
	100	200	400	600	800	1,000			
Acacia (pulvis), 400 gms, in 500 c, c, w, m, bottlebotts_	3	4	5	6	7	7			
Acetanilidum, 75 gms. in 125 c. c. w. m. bottle botts	2	-2	4	6	6	8			
Acidum aceticum, in 200 c. c. g. s. bottlebotts_	1	1	2	2	2	3			
Acidum arsenosum, 1-mgm.tablets, 250 in 25 c.c.bottle_botts_ Acidum boricum (pulvis), 150 gms. in 250 c. c. w. m.	1	1	1	2	2	2			
bottlebotts_	3.	3	7	7	10	10			
Acidum citricum, 230 gms., in 250 c. c. w. m. bottle_botts_	1	1	1	2	2				
Acidum hydrochloricum, in 200 c. c. g. s. bottlebotts_	1	1	2	2 2	3	2 4			
Acidum hydrocyanicum dilutum, in 20 c. c. g. s. bottle_botts_	1	1	1	1	1	1			
Acidum nitricum, in 200 c. c. g. s. bottle botts. Acidum oxalicum, for surgical use, 150 gms. in 250 c. c.	1	1	2	2	3	4			
w. m. bottlebotts_	3	3	7	7	10	10			
Acidum phosphoricum dilutum, in 200 c. c. g. s. bottle_botts_	1	1	1	1	1	1			
Acidum salicylicum, 60 gms. in 250 c. c. w. m. bottle_botts_	4	4	4	8	8	8			
Acidum sulphuricum, in 200 c. c. g. s. bottle botts- Acidum sulphuricum aromaticum, in 200 c. c. g. s. bottle,	1	1	2	2	2	3			
Acidum tannicum, powdered, 50 gms. in 250 c, c, w, m.	1	1	1	2	2	2			
bottlebotts	1	1	2	2	3	3			
Acidum tartaricum, 200 gms, in 250 c. c. w. m. bottle_botts_	2	3	4	5	6	7			
Aconiti tinctura, in 25 c. c. bottle botts	2	2	2	4	4	7 4			
Adrenalini hydrochloridum, in 25 c, c, bottlebotts_	1	1	1	2	2	2			
Æther, in 100-gm. tintins	10	15	25	30	50.	70			
Etheris spiritus compositus, in 200 c. c. g. s. bottle botts	1	1	2	2	2	3			
Ætheris spiritus nitrosi, in 200 c. c. g. s. bottlebotts_	3	3	. 5	7	10	12			
Albolene, in 500 c.c. bottle botts	1	2	11	4	5	6			
Alcohol, in 1-liter bottlebotts	10	18	32	50	75	100			
Aloe (pulvis), 12 gms. in 25 c. c. bottlebotts	2	2	2	4	4	4			
Alumen, pulvis, 250 gms. in 250 c. c. w. m. bottlebotts_	1	1	1	2	2	3			

Articles.		Allowances for on posts baving of ulation of—					
	100	200	400	600	800	1,000	
Aumonia aqua, 10 p. c., in 500 c. c. rubber-stopper bottle,	0			10	12	10	
hotts. Ammoniæ spiritus aromaticus, in 250 c. c. rubber-stopper	3	5	8	10	12	16	
bottlebotts.	1	2	3	4	5	6	
Ammonii bromidum, 185 gms, in 250 c, c, w, m, bottle_botts_ Ammonii carbonas, lumps, 150 gms, in 250 c, c, w, m.		1	2	2	2	3	
bottlebotts_	1	2	2	3	3	4	
Ammonii chloridi trochisci, 125 in 125 c. c. bottlebotts_		- 5	6	9	13	17	
Ammonii chloridum, 150 gms, in 250 c. c. w. m. bottle_botts_		4	5	7	11	14	
Amyl nitris, 5-drop pearls, 12 in box boxes	1 2	1 2	1 2	2 2	2 2	2	
Antimonii et potassii tartras, 12 gms. in 25 c. c. bottle_botts. Antipyrinum, 75 gms. in 125 c. c. w. m. bottle_botts. Antitoxin of diphtheria *botts-	2	2	4	4	6	6	
Apomorphine hydrochloras, 6-mgm. hypodermic tablets,			7725				
tubes	1	1	1	2	2	2	
Argenti nitras, in crystals, 25 gms. in 25 c. c. bottle_botts_	î	i	2	2	3	3	
Argenti nitras fusus, 25 gms. iu 25 c. c. bottlebotts_	1	i	1	2	2	2	
Asafoetida, 15 gms. in 25 c. c. bottlebotts_	2	3	3	5.	7	7	
Aspidii oleoresina, 20 gms. in 25 c.c. bottlebotts:	2	2	2	2	2	2	
Atropina sulphas, 0.65-mgm, hypodermic tabletstubes_ Atropina sulphas, 0.13-mgm, ophthalmic discs, 50 in	1	1	2	2	3	4	
boxboxes_	1	1	1	1	1	2	
Balsam of Peru, 100 gms. in 125 c. c. w. m. bottlebotts_	2	2	2	3	3	3	
Belladonnæ emplastrum, in 2-meter tin, 6 inchtins_ Belladonnæ foliorum extractum alcoholicum, 25 gns. in		2	3	4	5	6	
25 c. c. bottle botts	1	1	1	-		2	
Bismuthi subgallas, 125 gms. in 250 c. c. w. m. bottle_botts_ Bismuthi subnitras, 225 gms. in 250 c. c. w. m. bottle_botts_	2	2 5	2	9	4	13	
Buchu extractum fluidum, 500 c. c. bottle botts	1	1	·9	1	13	· 13	
Caffeina citrata, 12 gms. in 25 bt tlebotts_	2		2		٠.	اً أ	
Camphora, advis, 250 gms, in 500 c. m. bottle_botts_			6	6		. 8	
Cantharidis emplastrum, in 1-meter tin, 6-inchtins	1	i	ï	2	2	. 2	
Cantharidis inctura, in 125 c. c. bottlebotts_	i	i	i	ī	l ī	ī	
Capsici pu vis, gms, in 25 c bottle botts	2	2		1 2	2	ہِ ا	
Capsici tinctura, in 25 be thebotts_	ī	1	1		2	2	
Ceya flava, in 250-gm cakecakes_	1	1	1		2	2	
Ceratum resinae, 100 gms. in 25 c. c. w m. bettle_botts_	2	2	z	3	3	3	
Chloral, 20 gms. in 20 c. c. amber-colore g. s. bottle_botts_	5	5	7	7	10	10	
Chloroformum, in 200 c. c. g. bottlebotts	7	14	25	36	48	72	
Chrysarobinum, 12 gms. in 25 c. c. bottle butts. Cinchon tinetura composita, in 500 c. c. bottle butts.	2	2	2	2	2	2	
Cinchon tinetura composita, in 500 c. c. bottle botts	2	3	4	5	6	6	
Cocaina hydrochloras, 6 gms. in 25 c. c. w. m. bottle_botts_ Cocaina hydrochloras, in 10-mgm. hypodermic tablets,	1	2	4	4	6	6	
tubes	1	1	2	2	3	3	
Codeina, 15 gms, in 25 c, c, bottlebotts.	3				6	6	
Colchici seminis extractum fluidum, in 25 c. c. bottle botts.	2	2		2	4	4	
Collodium, in 20 c. g. s. bottle botts	5	10	15		25	30	
Coniine hydrolasmas, 0.65-mgm, hypodermic tablets_tubes_	1	1	1		1	j 1	
Copaika, 200 gms, in 250 c. c. w. m. bottle botts.	4	8	10	12	12	15	
Copaibae pilulæ compositæ, or tablets, 25 125 c. c. bottle.	1	,	2	2	3	4	
bottle_ botts_ Creosotum, beechwood in 24 c c, g s, bottle botts_		1 2				5	
		1			1 2	3	
Creta przeparata, 225 gn in 250 w m. bottle botts.					1 3	1 9	
	1 2 1	1	2	3	3	3 3	

<sup>\*</sup>To be purchased by the surgeon sufficient for immediate use, if obtainable in vicinity. If not, telegraphic request to chief surgeon should be made. Special report of necessity to be made at once by mail.

# MEDICINES—Continued.

Articles.	Allowances for one year for posts having official population of—						
	100	200	400	600	800	1,000	
Ergotæ extractum fluidum, in 250 c. c. bottlebotts_	1	1	2	2	2	3	
Ergotinum, 130-mgm. tablets, 80 in 25 c. c. bottlebotts_ Eucalyptol, in 25 c. c. bottlebotts_	2 2	2 2	2 2	3 2	3 2	3 2	
Ferri chloridi tinctura, in 400 c. c. g. s. bottlebotts_ Ferri et quininæ citras solubilis, 75 gms. in 125 c. c. w. m.	1	2	3	5	6	7	
bottlebotts.	1	2	4	5	6	7	
Ferri iodidi syrupus, in 250 c. c. bottle botts. Ferri pilulæ compositæ, 80 in 25 c. c. bottle botts. Ferri sulphas exsiccata, 100 gms. in 125 c. c. w. m.	3	5	8	10	12	15	
bottlebotts_	1	1	1	2	2	2	
Ferrum redactum, 25 gms. in 25 c. c. bottlebotts_	1	1	1	2	2	2	
Gentianæ tinctura composita, in 500 c. c. bottlebotts_	2	3	4	5	6	7	
Glycerinum, in 500 c. c. bottlebotts.	.6	8	14	16	18	20	
Glycozone, in 500 c. c. rubber-stopper bottle botts. Glycyrrhize extractum parum (palvis) 125 gms. in 250	1	1	2	2	3	. 4	
c. c. w. m. bottle botts. Glycyrrhizæ mistura composita, in 1-liter bottle botts. Glycyrrhizæ pulvis compositus, 125 gms. in 250 c. c. w. m.	3	5	7	12	16	20 12	
bottlebotts_	2	2	4	4	6	6	
Hamamelidis extractum fluidum, in 250 c. c. bottle botts- Hydrargyri chloridum corrosivum, 75 gms, in 25 c. c.	2	2	3	3	-4	4	
bottle bottle botts. Hydrargyri chloridum mite, 32-mgm. tablets, 250 in 25	1	1	1	2	2	2	
c. c. amber-colored bottle botts. Hydrargyri chloridum mite, 50 gms, in 25 c. c. amber- colored bottle botts	2	,4	8	8	12	10	
Hydrargyri iodidum flavum, 10-mgm. tablets, 250 in 25 c. c. bottlebotts_	2	2	3	4	5	7	
Hydrargyri massa, 100 gms. in 125 c. c. w. m. bottle_botts_ Hydrargyri nitratis unguentum, 150 gms. in 125 c. c.	1	1	1	2	2	2	
w. m. bottle	3	3	3	3	2	3	
Hydrargyri unguentum, 200 gms. in 125 c. c. w. m. bottlebotts	3	3	5	8	10	13	
Hydrastis extractum fluidum, in 250 c, c, bottlebotts_	1	1	-1	2	2	2	
Hydrozone, in 500 c. c. rubber-stopper bottlebotts_ Hyoschue hydrobromas, 0.65-mgm. hypodermic tablets,	6	8	12	18	24	30	
Hyoseyami extractum alcoholicum, 25 gms. in 25 c, c,	1	1	1	1	1	1	
bottlebotts_	1	1	1	1	1	1	
Hyoscyami pilulæ compositæ, 80 in 25 c. c. bottlebotts_	2	2	2	3	3	3	
Ichthyolum, 75 gms. in 125 c, c, w, m, bottlebotts_	1	1	1	2	3	3	
Iodoformum, 150 gms. in 125 c. c. w. m. bottle botts. Iodum, 25 gms. in 20 c. c. g. s. bottle botts.	3	5	7	10	13	15	
Ipecacuanhae pulvis, 100 gms. in 250 c. c. w. m. bottle, botts. Ipecacuanhae et opii pulvis, 150 gms. in 250 c. c. w. m.	1	1	1	2	2	2	
bottle botts.  Ipecacuanhæ extractum fluidum, in 250 c. c. bottle botts.	3	3	5	7	9	9.1	
Lanolinum, 110 gms. in 125 c. c. w. m. bottle botts		3	4	4	5	5	
Linum, 1,300 gms, in 1,900 e, e, tin tins		2	2	3	3	3	
Lini pulvis, 1,300 cms, in 1,900 c.c. tin	6 2	9 2	12	15	18	20	
Lycopodium, 100 gms, in 250 c, c, w, m, bottle botts.  Magnesii carbonas (powdered), 50 gms, in 250 c, c, w, m.	ĩ	ĩ	ĩ	Ĩ	1	1	
bottle botts	4	6	8	10	12	12	
Magnesii salphas, 1,800 gms. in 1,900 c. c. tintins	4	6	11	16	18	22	
Menthol, 40 gms. in 125 c. c. w. m. bottlebotts.  Morphine sulphas, pulvis, 6 gms. in 25 c. c. bottlebotts_	1 2	1 3	5	7	8	3	

# MEDICINES—Continued.

Articles.		Allowances for one year posts baving official p ulation of—						
	100	200	400	600	800	1,000		
Morphine sulphas, 8-mgm. hypodermic tablets	2	4	6	8	10	12		
hotts	1	1	1	2	2	2		
Myrrhæ tinctura, in 250 c, c, bottle botts. Nitroglycerinum, 0,65-mgm. tablets, 250 in 25 c, c, bot-	1	1	1	2	3	1		
tle botts.  Nitroglycerinum, 0.65-mgm, hypodermic tablets tubes.  Normal saline solution tablets, 250 in 250 c. c. w. m. bot-	1	2	3	4	5	6		
tlebotts_	1	1	1	1	1	1		
Nucis vomicæ tinctura, in 250 c. c. bottlebotts_	1	1	1	2	2	2		
Nucis vomicæ extractum, 25 gms. in 25 c. c. bottle _botts_	1	1	1	2	2	2		
Oleum caryophylli, in 20 c. c. g. s. bottlebotts_	5	5	10	10	15	15		
Oleum gaultheriæ, in 20 c. c. g. s. bottlebotts_ Oleum gossypii seminis, in 1-liter bottlebotts_	4	8	12	16	20	24		
Oleum mentha piperita, in 26 c. c. g. s. bottlebotts_	5	5	5	5	5	5		
Oleum morrhue, in 500 c. c. bottlebotts_	6	8	10	12	16	20		
Oleum ricini, in 1-liter bottlebotts_	5	10	15	20	25	30		
Oleum santali, in 20 c. c. g. s. bottlebotts_	5	5	10	10	15	15		
Oleum terebinthine, in 1-liter bottlebotts_	4	6	8	10	12	14		
Oleum theobromatis, 110 gms. in 125 c. c. w. m. bottle_botts_	2	2	2	2	2	9		
Oleum tiglii, in 25 c. c. bottlebotts_	1	1	1	1	1	1		
Opii tinctura, in 500 c. c. bottlebotts_	-1	2	3	4	5	6		
Opii tinctura camphorata, in 500 c. c. bottlebotts.	3	6	8	10	12	14		
Opii pulvis, 70 gms. in 125 c. c. w. m. bottlebotts_	1	1	1	2	2	2		
Pepsinum, 80 gms. in 125 c. c. w. m. bottle botts.  Petrolatum spissum, 46.6° C., 1,500 gms. in 1,900 c. c. tin tins.	2	2	5	6	7	9		
Peptonizing tablets, 125 in 125 c. c. w. m. bottlebotts.	ī	1	1	1	i	1		
Phenacetinum, 75 gms. in 125 c. c. w. m. bottle botts.  Physostigmina sulphas, 0.0325-mgm. ophthalmic discs,	2	3	7	7	10	13		
50 in boxboxes_ Pilocarping hydrochlorus, 8-mgm. hypodermic tablets,	1	1	1	1	1	1		
tubes_	2	3	4	5	6	1		
Pilulæ aloini compositæ, 250 in 25 c. c. bottlebotts_ Pilulæ camphoræ et opii, tablets, 250 in 125 c. c. bottle,	1	2	4	8	12	15		
botts	1	1	2	2	3	3		
Pilulæ carminativæ, 80 in 25 c. c. hottlebotts_ Pilulæ catharticæ compositæ, tablets, 400 in 125 c. c.	2 2	2	Ď,	5	8	8		
bottlebotts. Plumbi acetas, 170 gms, in 125 c. c. w. m. bottlebotts_	1	2	3	3	5	6 4		
Podophylli resina, 10 gms. in 25 c. c. bottlebotts_	2	3	3	4	5	6		
Potassa, 25 gms, in 25 c. c. bottlebotts_	ī	1	1	2	9			
Potassii acetas, 185 gms. in 250 c. c. w. m. bottlebotts_	3	3	5	5	8	2 8		
Potassii arsenatis liquor, in 250 c. c. bottlebotts_	1	1	2	2	3	3		
Potassii bicarbonas, 500 gms. in 500 c. c. w. m. bottle_botts_	1	1	2	2	3	3		
Potassii bromidum, 500 gms, in 500 c. c. w. m. bottle botts. Potassii chloras, pulvis, 600 gms, in 500 c. c. w. m. bottle,	1	2	3	.4	5	6		
Potassii chloras, 324-mgm. tablets, 250 in 125 c.c. bottle,	2	2	3 4	5	5	6		
Potassii et sodii tartras, pulvis, 1,500 gms, in 1.900 c c.	1	-2	3	4	6	6		
tin Potassii iodidum, 325 gms, in 250 c. c. w. m. bottle botts Potassii permanganas, 125 gms, in 125 c. c. w. m. bottle,	3	6	8	n	13	15		
botts_ Pruni virginianæ extractum fluidum, in 500 c. c. bot-	1	1	2	2	3	3		
tlebotts. Quinime hydrochlorosulphas, 32-mgm, hypodermic tab-	1	1	1	2	2	2		
lets tubes.  Quining bisulphas, 12 gms. in 25 c. c. bottle botts	2 2	2 2	4	4	6	6		

# MEDICINES-Continued.

Articles.	Allowances for one year posts having official ulation of—					
	100	200	400	600	800	1,000
Quinine sulphas, pulvis, 75 gms. in 250 c. c. w. m.	3	5	8	10	10	00
bottlebotts. Quininæ sulphas, 200-mgm. tablets, 500 in 250 c. c. bot-	~			12	18	20
tlebotts. Rhamni purshianæ extractum fluidum, in 500 c. c. bot-	4	- 7	10	12	15	18
tlebotts_	1	2	3	4	5	6
Rhei pulvis, 60 gms. in 125 c. c. w. m. bottlebotts_ Saccharum lactis (pulvis), 80 gms. in 125 c. c. w. m.	1	1	2	3	3	3 4
bottle botts Salol, 75 gms., in 125 c. c. w. m. amber-colored bottle botts		2	3	3	4	4
Salophen, 60 gms. in 125 c. c. w. m. bottle botts	i	ĩ	1	2	2	2
Santoninum, 32-mgm. tablets, 250 in 25 c. c. bottle_botts_	1	1	1	1	1	1
Scillæ syrupus, in 500 c. c. bottlebotts_ Sinapis emplastrum, in 4-meter tin, 6-inchtins_	2	4	6	8	10	12
Sinapis emplastrum, in 4-meter tin, 6-inchtins_	2	2	4	4	6	8
Sinapis nigra (pulvis), 1,000 gms. in 1,900 c. c. tin_tins_	1 5	7	10	1 12	1 14	17
Sodii bicarbonas, 425 gms, in 500 c. c. w. m. bottle_botts_ Sodii bicarbonas, 65-mgm, tablets, 250 in 25 c. c. bottle_botts_		2	3	4	b.	6
Sodii bicarbonas et mentha piperita (tablets), 400 in 125		-	"	-		
c. c. bottlebotts_	1	2	2	3	3	4
c. c. bottlebotts_ Sodii boras (pulvis), 400 gms. in 500 c. c. w. m. bottle_botts_	2	2	3	3	4	4
Sodii bromidum, 180 gms. in 125 c. c. w. m. bottlebotts_ Sodii carbonas exsiccata, for surgical use, 400 gms. in 500	1	, 2	2	3	3	4
c. c. w. m. bottle	2	2	4	4	6	6
c. c. w. m. bottlebotts_ Sodii phosphas exsiccata (pulvis), 100 gms, in 125 c. c. w.					-	
m. bottle botts	1	2	3	4	6	8
Sodii salicylas, 125 gms. in 250 c. c. w. m. bottlebotts_	8	12	16	20	24	28
Strophanthi tinctura, in 25 c. c. bottlebotts_ Strychninæ sulphas, 1-mgm. hypodermic tablets, 250 in	2	2	4	4	6	6
25 c. c. bottlebotts_	2	2	2	4	4	4
Strychning sulphas, 18 gms. in 25 c. c. bottlebotts_	1	1	1	1	1	1
Sulphonal, 324-mgm, tablets, 250 in 125 c. c. bottle_botts_		1	2	2	3	3
Sulphur lotum, 200 gms. in 250 c. c. w. m. bottlebotts_	I	1	2	2	2	3
Thymol, 25 gms. in 25 c, c, bottle botts.  Tolutanum balsamum, 100 gms. in 125 c. c. w. m. bot-	1	I	1	1	1	1
tlebotts_	1	1	2	3	4	4
Trional, 60 gms. in 125 c. c. w. m. bottlebotts_	1	1	1	2	2	2
Urotropin, 75 gms. in 125 c. c. w. m. bottlebotts_	1	2	2	3	4	4
Zinci oxidum, 125 gms. in 250 c. c. w. m. bottlebotts_	2	2	2	4	4	4
Zinci sulphas, 250 gms. in 250 c. c. w. m bottlebotts_ Zingiberis extractum fluidum, in 125 c. c. bottlebotts_		1 2	1 3	2 4	5	2 6
Zingiseria extractum matam, in 120 c, c, bottobotta-	-	-			-	
247. ANTISEPTICS AND DISINFECT	ANT	rs.				
Acid, carbolic, crude, in 1-liter bottlebotts_	6	10.	14	18	22	26
Acid, carbolic, crystallized, in 250 c. c. bottlebotts_	2	2	6	12	15	18
Alcohol, methyl, for generation of formaldehyde, in 1-liter		-	10	0.4	00	44
hottlebotts_ Antiseptic tablets, 250 in 250 c. c. w.m. bottlebotts_	4 2	8 2	16	24	32	12
Chlorinated lime, 600 gms, in 1-liter w. m. bottlebotts_	8	12	17	21	25	30
Formaldehyde solution (40 per cent), in 1-liter bottle_botts_	6	10	15	20	24	24
Mercury, corrosive chloride, 500 gms, in 250 c. c. w. m.			-			
bottlebotts.	1	2	3	4	5	6
Quicklime *kiloskilos	10	15	20	25	30	35
Tricresol, in 500 c. c. bottlebotts_	4	6	10	12	14	16
		1				1

<sup>\*</sup>To be purchased, in exceptionally urgent cases, in quantities authorized by the chief surgeon.

## 248.

## HYPODERMIC SYRINGE.

This syringe, as now issued, has as accessories, besides two needles and extra wires (the needles and wires are expendable), one tube of each of the following hypodermic tablets:

Apomorphine hydrochloras_mgms_ Atropine sulphasmgm_ Cocaine hydrochlorasmgms_	0, 65	Morphine sulphasmgms_ Nitroglycerinummgm_ Strychnine sulphasmgm_	0.65
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## 249.

## CONTENTS OF EMERGENCY CASE.

(In solid leather case, with detachable sling strap.)

Tablets in 15 c. c. Bottles.		Hypodermic Tablets in Tubes.	
Acidum tannicummgms_	324	(One of each.)	
Aloini composite *		Apomorphine hydrochloras, †	
Antiseptic *	'	mgms_	6
Bismuthi subnitrasmgms_	324	Atropine sulphas +mgms_	0. 6
Carminativæ *		Cocaine hydrochloras +mgms_	10
Carminativæ* Catharticæ compositæ	<b>-</b> i	Digitalinummgms_	1
Chloral (bottle amber-colored),	į.	Morphinæ sulphas †mgms_	8
mgms_	324	Nitroglycerinum †mgms_	0, 6
Digitalis tincturac. c_	0.3	Quininæ hydrochlorosulphas,†	
Ergotinumnigms_	130	mgms_	32
Glycyrrhizæ comp. mist. (Brown	ĺ	Strychninæ sulphas †mgms_	1
mixture)mgms_	324		
Hydrargyri chl. mite (bottle	10	Instruments.	
amber-colored)mgms_	65		
Ipecacuanha et opium	'	Bistoury, curved and straight, of	
Morphinæ sulphasmgms_	×	eachno_	1
Opii tinctura camphoratac. c_	4	Case, linen, for instrumentsno_	1
Phenacetinum comp. *		Forceps, dissectingno_	1
Quininæ sulphasmgms_	200	Forceps, hæmostaticno_	1
Sodii bicarbonas mgms_	65	Ligature, catgut, sterilized, in	
Sodii bicarb, et mentha pip, *	'	envelopeenvs_ Ligature, horsehair, sterilized,	2
Sodii bromidmgms.	324	Ligature, horsehair, sterilized,	
Sulphonalmgms_	324	in envelopeenv_ Ligature, silver wire, sterilized,	1
i	1	Ligature, silver wire, sterilized,	
	i	in envelopeenv_!	1
	ĺ	Needles, surgical, assortedno_	6
	- 1	Plaster, isinglass, in roll 13 cms.	_
	i i	wide and ½ meter longroll_	1
	1	Scalpelno_	1
	.	Scissors, straightno_	1
Syringe, hypodermic			
Thermometer, clinical			

<sup>\*</sup> For formulæ see par. 250.

<sup>†</sup> In the hypodermic syringe case.

# 250. FORMULÆ OF NONOFFICIAL COMPOUND MEDICINAL PREPARA-TIONS, LISTED IN THE SUPPLY TABLE.

Aloini Pilulæ Compositæ.		Mistura Glycyrrhizæ Compos-	
Aloinummgms_	8	itae.	
Podophylli resinamgms_	8	Extractum glycyrrhizemgms_	6
Belladonnæ fol. ext. alcmgms_	8	Camphoramgms_	2.5
Strychninamgms_	0.8	Acidum benzoicummgms_	2.5
Oleoresina capsicimgms_	2.7	Opium mgms	2.5
		Antimonii et pot, tartrasmgm_	1
Ammonii Chloridi Trochisci.		Oleum anisimgms_	2.5
Ammonii Chloridi Trochisci.		Each tablet is the practical	
Amount of tentance	130	equivalent of 4 c, c, of Brown's	
Ammonii chloridummgms_	1.50)	mixture,	
Extractum glycyrrhizæ purum,	518		
Oleum anisimgms_		Normal Saline Solution.	
Oleum anisiingins_	3		
		Sodium chloride, c. pgm_	0.6
Antiseptic.		Sodium carbonate, c, p., dried_gm_	0.1
		Nine tablets to a liter make a	
Hydrargyri chloridum cor_mgms_	500	0, 6 per cent solution of sodium	
Ammonii chloridummgms_	475	chloride,	
One tablet to 1/2 liter of water makes a 1-to-1000 solution.	77.		
makes a 1-to-1000 solution.	1	Peptonizing Tablets.	
Canalla Billa Camanita		Panereatinmgms_	102
Copaibæ Pilulæ Compositæ.		Sodii bicarbonasmgms_	487.5
Copaiba mgms	100	One tablet peptonizes 250 c. c.	
Resina guaiaci mgms	24	milk.	
Ferri citrasmgms.	21		
Oleoresina cubebæmgms_	40	Phenacetinum Comp.	
		Phenacetinummgms_	324
Ferri Pilulæ Compositæ.	1	Caffeina citratamgms_	65
Ferri pyrophosphasmgms_	65	Pilulæ Camphoræ et Opii.	
Quininæ sulphasmgms_	32		
Strychnine sulphasmgm_	1	Camphoramgms_	130
	- 1	Opiummgms_	65
Hyoscyami Pilulæ Compositæ.		Pilulæ Carminativæ.	
Extractum hyoscyamimgms_	65		
Camphoramgms_	65	Morphine sulphasmgm_	0.8
Oleoresina capsicimgms_	3	Camphoramgms_	10
Morphine acetasmgms	3	Extractum rheimgms_	352
arothima accasa migus	"	Sodii carbonas exsicmgms_	100
	1	Oleoresina capsicimgms_	2.7
Linimentum Rubefaciens.		Oleum menthæ pipmgms_	5
Camphoramgms_	250	Sodii Bicarb. et Mentha Pip.	
Capsicummgms_	250		
Ext. belladonne fol. alcmgms_	250	Sodii bicarbonasmgms_	258
Dissolve two tablets in 30 c. c.		Ammonii carbonasmgms_	16
of alcohol.		Olenm mentha piperita _ mgms_	5

# 251. CLASSIFICATION OF STANDARD TABLETS.

All medicine tablets supplied by the Medical Department are issued in standard sizes, divided into five classes, so that a given number of tablets of any class will occupy a definite cubic space. In general, the tablets of Class A include all medicines intended to be administered by the mouth, the dose of which is 60 mgms. or less. The Class B tablet includes medicines of which the ordinary dose is from 60 to 200 mgms., but it also includes a certain number of medicines given in 324-mgm. doses, which, from their greater specific gravity, can be put up in tablets of this size. The Class C tablet includes the majority of medicines supplied in which the usual dose is 324 mgms. The Class D tablet includes a few drugs which, with two exceptions, are employed for external use only and are required in considerable quantities. The Class E tablet includes all medicines supplied for hypodermic use.

The following lists show the classification of the tablets supplied by the Medical Department:

#### Class A.

The standard tablet of this class has a diameter of 5.5 millimeters and a thickness of 2.5 millimeters; 1,000 tablets occupy 100 cubic centimeters space.

_	Acidum arsenosummgm_	1	Uydrargyri iodidi flavum_mgms_	10
•	Aconiti tincturac. c	0.1	Ipecacuanhamgms_,	65
	Aloini pilulæ comp			8
	Capsicimgms.	32	Nitroglycerinummgm_	0, 65
	Codeinamgms.	32	Oleum tigliic. c_	0,006
	Cupri arsenismgms_	0.325	Plumbi acetasmgms_	130
	Glycyrrhizæ mistura compc. c.	4	Podophyllinmgms_	16
	Hydrargyri chloridum mite,		Santoninummgms_	32
	mgms.	32	Sodii bicarbonasmgms_	65

Class B.

The standard tablet of this class has a diameter of 8.5 millimeters and a thickness of 4 millimeters; 325 tablets occupy 100 cubic centimeters space.

	1		
Alumenmgms_	324	Potassii bromidummgms.	324
Chloral mgms.	324	Potassii chlorasmgms_	324
Ergotinum mgms	130	Potassii iodidummgms_;	324
Ferri pilulæ comp	<u>_</u>	Potassii permanganasmgms_	324
Hyoscyami pilulae comp		Sodii bicarb, et menth pip	
			324
		Zinci oxidum mgms_	324
		Zinci sulphasmgms_	324
Potassii bicarbonasmgms.	324		
-	1 (	<u>t</u>	

### Class C.

The standard tablet of this class has a diameter of 9.5 millimeters and a thickness of 5 millimeters; 200 tablets occupy 100 cubic centimeters space.

Acidum boricum Acidum tannicum Antipyrinum Bismuthi subgallas Bismuthi subgallas Guaiacolis carbonas Hydrargyri massa I pecae, et opii pulvis Phenacetinum comp	mgms 324	Quinine sulphas Salol Sodii boras Sodii carbonas Sodii salicylas Sulphonal Urotropin	mgms mgms mgms mgms mgms mgms mgms	200 324 324 324 324 324 324
---	---	--	--	---

## Class D.

The standard tablet of this class has a diameter of 12.5 millimeters and a thickness of 5 millimeters; 100 tablets occupy 100 cubic centimeters space.

Ammonii chloridi trochisci. Normal saline solution Peptonizing tablet
---

### Class E.

The standard tablet of this class has a diameter of 4 millimeters and a thickness of 2.5 millimeters; 20 tablets are contained in a hypodermic tablet tube 70 millimeters long and 5.5 millimeters wide on outside dimensions.

Apomorphinæ hydrochloras_mgms_ Atropinæ sulphasmgm_ Cocainæ hydrochlorasmgms_ Coniinæ hydrobromasmgm_ Digitalinummgm_ Hyoscinæ hydrobromasmgm_ Morphinæ sulphasmgms	6 0.65 10 0.65 1 0.65 8	Nitroglycerinummgm. Physostigmine sulphasmgm. Pilocarpine hydrochloros _mgms. Quinine hydrochlorosulphas, mgms. Strychnine sulphasmgm.	0.65 1 8 32 1
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## 252. BOTTLES AND JARS CONTAINED IN DISPENSING SET.

Tincture Bottles.		Salt-Mouth Bottles.
1-liter no. 500-c, c. no. 500-c, c. no. 1250-c, c. no. 125-c, c. no. 60-c, c. no. Tincture Bottles, Amber-colored.	11 9 21 6 18	500-gm
Steeple-Top Jars.	10	Total.  Bottles up 150

## 253.

## HOSPITAL STORES.

The stores marked \* are not intended to supplement the articles of diet for post hospitals, but are to be reserved for emergency and field use.

Articles,	Allowances for one year for posts having official popu- lation of—							
	100	200	400	600	800	1,000		
*Arrowroot, in 250-gm. packagespkgs *Beef, soluble, liquid or extruct, in 100 c. c. containers,	8	12	16	20	24	28		
containers_	10	15	20	30	40	-50		
Brandy, in I-liter bottlesbotts_	2	4	6	8	10	12		
*Chocolate, sweetened, in 250-gm cakescakes	10	10	20	30	40	50		
*Condensed milk, unsweetened, or cream, in 500-gm, tins,			7.00	100				
tins_	12	24	36	48	60	72		
*Gelatin, in 50-gm. packagespkgs_	5	5	8	10	12	15		
*Malted milk, in 1-kilo tinstins_	1	.2	4	6	- 8			
Sherry wine, in 1-liter bottlesbotts_	2	4	6	8	10	12		
Soap, Ivorykilos	4	6	8	10	12	14		
Soap, commonkilos_	7	10	12	16	18	20		
*Sugar, white, in 6-kilo tinstins_	2	4	6	8	10	12		
Whisky, in 1-liter bottlesbotts_	6	8	12	16	20	24		

# 254.

# STATIONERY.

Buskets, letter	_no_	2	2	2	2	2	2
Baskets, waste paper	no_	. 2	2	2	2	2	9
Blank books, cap, 4-quire	_no_	2	3	4	6	2 8	10
Blank books, 8vo, 4-quire	_no	1	2	3	5	7	9
Blotters, hand		2	2 2	2	2	12	2
Cups, sponge	no_	2	2	2	2	2	9
Elastic bands, assortedg	TOSS	2	12	2	3	4	5
Envelopes, official, large	no.	200	200	200	300	300	300
Envelopes, official, letter			600	800	800	1000	1000
Envelopes, official, note			100	150	150	200	200
Erasers, rubberpi		9	9	3	3	4	4
Ernsers, steel		2	2	2	2	9	
Ink, writing, in 1-liter bottlesb	nitts	2	2	3	3	4	4
Ink, carmine, in 30-c, c, bottles	otts	2	2	3	3	4	4
Inkstands		3	3	3	4	4	4
Mucilage	witte	2	4	- 6	10	12	14
Pads, prescription	no	12	24	36	48	60	72
Pads, letter			10	12	14	16	20
Paper, blotting			2	3	3	4	4
Paper cutters		2	2	2	2	2	19
Paper fasteners ls		1	ī	1	2	9	2
Paper weights.		2	2	2	2	2 2	2
Paper, writing, legal cap	OFF	6	6	12	12	18	24
Paper, writing, letter	VITW.	10	14	18	22	26	30
Paper, writing, letter, typewriter	vi Per		16	20	30	40	50
Paper, writing, note	dies.	6	6	6	12	12	12
Pencils, lend	no		18	24	24	36	36
Penholders	no	8	8	10	10	12	12
Penracks		3	3	3	3	3	3
Pens, steel			150	200	200	300	300
Ribbons, copying, for typewriter, as required?				200	200	500	19.45
Ribbons, record, for typewriter, as required;				-			
Rulers				2	2	2	
Stamp, penalty, rubber, with ink pad				1	1	1	- 5
Typewriter, with accessories		i	1.0	1	1 1	1	1
Approximity with universalities	-110	1	L		1	1	

 $<sup>\</sup>dagger$  Supplied on the order of the chief surgeon. One only at a time should be asked for. The kind of ribbon and of machine should be stated in the request.

## 255.

# FURNITURE, BEDDING, AND CLOTHING.

Articles.	Allowances for one year for posts having official popu- lation of—							
	100	200	400	600	800	1,000		
Basin, wash, delf, for officeno	1	1	1	1	1	1		
Basins, wash, hand, agate wareno_	6	6	6	10	10	10		
Bed cradles no	1	1	2	2	3	3		
Bed cradles no Bedsteads, white enamel, as per standard no no	6	12	18	24	30	48		
Blankets, whiteno_	24	48	72	96	120	192		
Bookeases, as requiredno_		1		100		24.00		
Cabinet for blanks no	1	1	1	1	1	1		
Chairs, armno_	9	4	6	8	10	12		
Chairs, common no	1e	15	20	25	30	40		
Chairs, invalid, rollingno	1	1	1	2	2	2		
Chairs, office, revolvingno		î	1	2	2	2		
Chairs, rockingno	2	3	4	5	6	8		
Clocks*no_		3	3	4	4	6		
Close stools	1	1	2	2		4		
Character I and I am I a	6	12			3			
Cups, spit, enamel ware no. Cups, spit, paper, as required no.	.0	12	18	24	30	48		
			**		-	-		
Cuspidorsno	2	2	3	3	4	4		
Desks, officeno_	1	1	1	2	2	2		
Desks, office, cloth or rubber duck top for, as required	-	-				****		
Dish, soap, with cover, for officeno.	1	- 1	1	1	1	1		
Lamps, handno	2	2	2	3	3	3		
Lamps, standno	2	2	2	3	3	3		
Linoleum, as requiredmeters_			-					
Looking-glassesno_	4	4	6	6	8	8		
Mats, door, manilano	4	4	6	6	- 8	8		
Mats, door, woven wireno_	3	.3	4	4	5	- 8		
Mats, door, woven wire no. Matting, rubber, as required no.								
Mattress corers no	9	18	27	36	45	72		
Mattresses, hair, in three equal partsno	8	15	22	28	34	54		
Mosquito bars, as requiredno_	4260		200			2000		
Ollcloth, for table meters	6	6	12	12	18	18		
Pillows, feather no_	6	6	- 6	12	12	12		
Pillows, hairno	12	24	36	48	60	96		
Pillowcases, cottonno_	24	48	72	96	120	192		
Pitcher, delf, for office no	1	1	î	1	1	1		
Quilts, whiteno_	9	18	27	36	48	72		
Refrigeratorsno_	1	1	i	2	2	2		
Sufe, ironno_	1	1	Ť	ī	î			
		1	.1		1	1		
Screens, bed, folding, frames for, wrought-iron, white en-	á	á.	2	4				
amelno_	2	2	2	4	4	15		
Screens, door, wire, as requiredno_					AAH-	-		
Screens, window, wire, as requiredno.		-		mmm	-			
Screens, wire netting for, as requiredno		-						
Sheets, cottonno_		100	150	200	250	400		
Shirts, cotton 10	24	48	72	96	120	192		
Slipperspairs_	6	12	18	24	30	48		
Suits, convalescentno_	12	24	30	48	60	96		
Tablecloths, linenmeters_	15	15	20	25	30	35		
	6	12	18	24	30	48		
Tables, bedside, iron, glass top, white enamelno_		_		-	ma.	-		
Tables, dining, extension, as requirednono_		14	20	25	30	40		
Tables, dining, extension, as requirednono_	8			- 5	- 6	7		
Tables, dining, extension, as required no doz.  Fowels, 1 and doz.  Fowels, 2 ath doz.	2	3	4					
Tables, dining, extension, as required no doz.  Fowels, 1 and doz.  Fowels, 2 ath doz.		3	4	5	6	7		
Tables, dining, extension, as required no doz.  Fowels, 1 and doz.  Fowels, 2 ath doz.	2	3		ñ		7		
Tables, dining, extension, as required         no.           Towels, and         doz.           Towels, sath         doz.           Towels, dish         doz.           Towels, dish         no.	2 2 1	3	1	5	6	1		
Tables, dining, extension, as required no doz.  Fowels, 1 and doz.  Fowels, 2 ath doz.	2 2	3	4	ñ	6			

 $<sup>\</sup>pmb{*}$  Clocks will be issued on the basis of one for each ward, one for kitchen, and one for dispensary.

#### 256. FURNITURE AND APPLIANCES FOR OPERATING ROOM.

One operating table.
One case for instruments and dressings.
Three operating yowns for surgeons and assistants.
One table for instruments.
One surgical cushion, Kelly's.

One dozen spools, Halstead's glass. One stool, revolving, white enamel.\* Gloves, rubber, three pairs, Nos. 8, 8½, and 9. Cots, finger, rubber, one dozen. One Arnold's sterilizer, combination, No. 4.

#### Enameled Ware.

Two wash basins. Four basins for sponges, etc. Two pitchers. Two pails.
Two trays for instruments.

#### Glassware.

One glass irrigator, graduated, 2-liter. Two Petr's dishes, for needles, etc. Two small jars, covered, for ligatures, etc. Four larger jars, for dressings, etc. Erlenmeyer's flasks, two 2-liter and four 1-liter, for antiseptic solutions. Six 4-liter bottles, g. s., for antiseptic solutions. Twelve test tubes, 1 by 12 inches.

#### 257.

#### MISCELLANEOUS.

Articles.	1	Allowances for one year i posts having official po- ulation of—									
	100	200	400	600	800	1,000					
Bags, rubber, hot waterno	1	9	0	4	4	4					
Bags, rubber, ice, for headnc		1	2	1 4	3	3					
Bath bricks	2	9	4	4	6	6					
Beil pans, agate wareno		1	2	2	3	3					
	T 0	î	ĩ	1	i	1					
Bell, call no Blowers, for insect powder no		1	1	1	2	9					
Bioliers, for timeet powder Boiler, tin, copper bottomno		1	1	1	1	1					
Boilers, double, for cookingne	-	1	î	1 1	2						
Bowl, choppingno	-	1	i	l î	ī	i i					
Bowls, soup, delfnc		24	36	48	60	72					
Bowls, sugar, with lidne		2	4	4	6	6					
Boxes, ointment, imperviousdoz		15	20	30	40	50					
		40	60	80	100	120					
Boxes, pill doz Boxes, powder doz		18	24	40	50	60					
Broomsnc		12	18	24	36	40					
		2	2	9	2	40					
Brooms, whisknc Brashes, dastne		3	4	5	6	7					
Brushes, scrubbingnc		12	18	18	24	24					
Drushes, scrubbing		1	1	10	24	24					
Brushes, weighted, for polishing floorsne	2	9	2	4	4	- 7					
Brushes, stove-blackingne		2	4	4	5						
Buckets, corered, 7-liter		6	8	10	12	15					
Buckets, fiberne		12	18	18	24	94					
Buckets, fire, galvanized ironno		1 1	1	9.00	1	24					
Burner, Hunsen's*		2	3	1 3	4	1.0					
Can openersne	- 2	2	4	4	6	2					
Candlesticks, enameled wareno	- 2	2				3					
Cans, milk, 9-litern	1 00	24	32	40	48	60					
Capsules, gelatin, 100 in box, 4 sizesboxes	20				18	60					
Chamois skinsn		4	6	6		8					
Cleaveruc		1	1	1	1	1 1					
Clothes bags		2	60	3	90	90					
Clothesline, manila meters	60	60	1.00	90	1 90	1 90					

<sup>\*</sup>Will not be issued to posts that have no gas supply.

#### MISCELLANEOUS-Continued.

Articles,		Allowances for one year posts having official plation of—							
	100	200	400	600	800	1,000			
Colandersno	1	1	1	2	2	2			
Cork borers, set of 6set	1	1	i	ī	ī	i			
Cork extractorno	î	Î	Î	î	î	î			
Cork presserno		1	1	1	i	î			
Corks, assorted, in bags of 24 dozendoz.		72	144		288	360			
Corks, large, No. 10 doz.	2	2	3	4	5	6			
		2	2	3	3	3			
Corkscrewsno Cruets, vinegar and oilno	0	2	4	4	4	4			
Crutchespairs	4	4	6	6	8	8			
Crutches	4					30			
Crutches, rubber tips forno	9	8	12	18	24				
Cups no.	34	15	30	40	42	54			
Cups, feedingno.	2	4	6	8	10	12			
Cushions, rubber, smallno	1 2	2	2	3	3	3			
Cushions, rubber, with open centerno.		1	1	2	2	2			
Dippersno.	3	3	4	4	5	5			
Dish covers, wire netting, assortedno.	6	6	9	.9	12	12			
Dishes, meat, assortedno	4	4	6	8	10	12			
Dishes, vegetable, with coversno_	4	4	6	8	10	12			
Dispensing setsetsetset	1	1	1	1	1	1			
Dispensing set, labels for, paper set.  Drawer pulls, with labels, as required no.	1	1	1	1	1	1			
Drawer nulls with labels as required no				100		000			
Eug-heater no	1	1	1	2	2	2			
$Egg entrice{beater}$ no doz.	90	40	45	50	60	70			
Eye shadesno.	2	2	3	3	4	4			
Fansno	6	6	9	9	12	12			
Ding antiquals and	1	1	1	2	2	2			
Fire extinguishersno.	1	1	1	2	2	2			
Floor dressing, ingredients for, as required *		12			3	4			
Forks, carvingno.	2	2	2	3 2	2				
Forks, fleshno		1	1			2			
Forks, table, commonno.	6	6	6	12	12	12			
Forks, table, silver-platedno_	24	36	48	56	72	72			
Funnels, glass, 250 c. c., 500 c. c., and 1-literno.	3	3	3	6	6	6			
Freezer, ice-creum, as requiredno. Glue, liquid, in small commercial tinstins.									
Glue, liquid, in small commercial tinstins.	1	1	1	2	2	2			
Graters, largeno	1	1	1	2	2	2			
Graters, smallno	1	1	1	2	2	2			
Gravy boatsno.	2	2	4	4	5	6			
Gridironno	1	1	2	2	2	2			
Grindstone, complete, 25-cm, kitchenno	1	1	1	1	1	1			
Hand grenades no.	12	18	24	36	48	48			
Honeno	1	1	1	2	2	2			
Hose, canvas, 2.5-cm., in 15-meter lengths meters.  Hose, nozzles, plain and spray no.	30	30	30	60	60	-60			
Hose, nozzles, plain and spray no	2	2	2	2	2	2			
Hose reel part for no	ī	ī	ī	1	1	1			
Hose, reel cart fornonononononononono	1	1.3	1	113	1				
Insect powderkilos	9	2	4	4	6	6			
		2	2	3	3	3			
Kettles, teano. Knives, breadno.	1	1	1	2	2	0			
The last last last	1 1	1	1	2	2	2			
Knives, butcher'sno	I A					4			
Knives, carvingno.	2	2	2	3	3				
Knives, choppingno.	1	1	1	1	1	1			
Knives, table, commonno	6	6	6	12	12	12			
Knives, table, silver-platedno.	24	36	48	56	72	72			
Labels, for vials gross	3	6.	9	12	18	24			

<sup>\*</sup>The floor dressing ordinarily used in the Medical Department is made by dissolving 2 pounds of beeswax and  $\frac{1}{2}$  pound of paraffin in 1 gallon of turpentine.

#### MISCELLANEOUS—Continued.

Articles.		Allowances for posts having ulation of—							
	100	200	400	600	800	1,000			
Ladd, per setno.	1	1	1	1	1	1			
Ludlesno_	2	2	2	3	3	3			
Lamp chimneys, as required *no.									
Lamp shades, as requiredno.									
Lamps, spirit, glassno. Lamp wicks, as required *no.	2	2	2	4	4	4			
Lamp wicks, as required *no.						-			
Lantern glasses, extra, as requiredno.						-			
Lantern wicks, as requiredno.						-			
Lanternsno.		2	2	3	3	3			
Lawn mowerno.		1	1	1	1	1			
Littersno.	2	2	3	3	4	5			
Litters, extra parts for, as requiredno									
Litter slingsno.	4	6	10	14	18	20			
Lye, concentrated, in 500-gm. canscans		12	15	18	21	24			
Measures, metal, 500 c. c., 1-liter, 2-liter, and 4-literset.	1	1	1	1	1	1			
Measures, glass, graduated, 100 c. cno.	2	2	2	3	3	31			
Measures, glass, graduated, 250 c. cno_	2	2	2	3	3	3			
Measures, glass, graduated, 500 c. cno	2	2	2	2	2	3			
Ment cutterno.		1	1	1	1	1			
Medicine droppersno.		24	48	48	72	9.5			
Medicine glassesno		4	- 6	8	10	12			
Mills, coffeeno		1	1	2	2	2			
Mop handlesno.	4	6	- 8	8	10	10			
Mortar and pestle, glass, 10-em no	1	1	1	1	1	1,			
Mortur and pestle, Wedgwood, 8-rmno	1	1	1	1	2	2			
Mortar and pestle, Wedgwood, 20-cm no. Mortar and pestle, Wedgwood, 30-cm no.	1	1	2	2	3	3			
Mortar and pestle, Wedgwood, 30-cmno_	1	1	1	1	1	1			
Naphthalin kilos.	3	- 5	7	9	11	13			
Needle, sailmaker'sno.		1	1	1	1	1			
Needle, upholsterer'sno	1	1	1	1	1	1			
Needles, common, assortedpapers.		3	3	6	6	6			
Oil can, with pump, 22-literno.		1	1	1	I	1			
Pails, milk, with strainerno.	1	1	1	2	2	2			
Prins, dishno.	2	2	2	3	3	3			
Pans, dustno.		2	3	3	4	4			
Pans, fryingno		1	2	2	3	3			
Pans, milkno		- 6	8	8	10	10			
Paus, muffinno	2	2	3	3	4	4			
Pitus, saureno.	2	2	2	3	3	3			
Paper, filtering, round, 25-cm pkgs.	3	3	4	4	5	- 6			
Paper, litmus, blue and red, of eachsheets.		2	3	3	4	4			
Paper, tarred, in 30-meter rolls, as requiredrolls.	100	-	-	+					
Paper, toiletpkgs	30	50	100	150	200	995			
Paper, wrapping, blue and white, of eachqrs.	2	4	6	8	10	12			
Paper, wrapping, brownqrs.	1	2	3	4	5	fi			
Pencils, hair, 1 dozen in vialdoz.		4	6	8	10	12			
Pepper boxesno.		2	4	4	4	4			
Percolators, glass 110.		1	1	2	2	2			
Pickle dishesno.		2	4	4	5	- 6			
Pill machineno.	1	1	1	1	1	1			
Pill tile, 12 to 25 cmno.	1	1	1	1	1	1			
Pipettes, graduated, 5 c. cno.	2	2	2	3	3	3			
Pitchers, delf, 4-literno	2	2	2	4	4	4			
Pitchers, delf, 500 c. cno.	2	4	4	6	8	10			
Pitchers, sirup, glassno.	2	2	3	3	4	4			

<sup>\*</sup>State kind of lamp for which chimneys and wicks are desired.

# MISCELLANEOUS—Continued.

Articles.	Allowances for one year in posts having official poulation of—							
	100	200	400	600	800	1,000		
Plates, dinnerno_		24	36	48	60	72		
Potato masherno_	1	1	1	1	1	1		
Pots, coffee, agate ware or tin	2	2	2	3	3	3		
Pots, mustardno_	1	1	2	2	2	2		
Pots, tea, agate ware or tinno		2	2	3	3	3		
Pol, wateringno_	1	1	1	1	1	1		
Prescription file no Racks for urinals and bedpans, as required no	1	1	1	1	1	1		
Racks for urinuls and bedpans, as requiredno_								
Retort standno_	1	1	1	1	1	1		
Rods, glass, 7 mms. thick, in 15, 20, and 30 cm. lengths,	ann	aria	nen.	ron.	500	500		
assortedgms_		250	250	500	500	500		
Rolling-pinno		1	1	1	1	1		
Saltcellars, glass no kilos	8	8	10	10	12 20	15		
			36	48	60	72		
Saucers		24	1	1	1	1		
Scales and reights, apothecary's, metric systemno_	1	. 1	1	i	1	1		
Scales and reights, balance in glass case, metric systemno_		i	i	1	1	1		
Scales and reights, grover'snonononono		1	i	i	1	î		
Scales and reights, platform	i	i	1	1	i	i		
Scaops no	2	2	ê	3	3	3		
Settees, for porch or hall, as requireduo_	-	-	-		0	.,,		
Shears no	2	2	2	3	3	3		
Sickleno		1	ĩ	1	1	1		
Sieres, flour no.		î	î	2	2	9		
Skimmersno_		1	1	2	2	9		
Spatulas, 15-cmno		1	2	2	2	2		
Spatulas, 7-cmno_		1	2	2	2	2		
Spoons, busting, agate ware or timed ironno_	2	2	2	2	3	3		
Spoons, table, commonno_	6	6	6	12	12	12		
Spoons, table, silver-platedno		24	36	48	56	72		
Spoons, lea, commonno_	6	6	6	12	12	12		
Spoons, tea, silver-platedno	18	24	36	48	56	72		
Spoons, tea, silver-plated no Stamp, with outfit for marking hospital clothingno_	1	-1	1	1	1	1		
Steelsno_	1	1	1	1	2	2		
Store, coal-oil, blue flame, as requiredno_			100	200	-	make beauty		
Stove blacking papers	6	10	10	20	20	25		
Suppository mold, setno_	1	1	1	1	1	1		
Syringes, penis, glass, in caseno_	30	50	75	100	125	150		
Syringes, rubber, bulbno_		2	2	3	3	4		
Syringes, rubber, fountainno	2	2	4	4	6	6		
Tablet machine, with 200 and 324 mgm, dirs	70		1	1	2	1		
Tape, cotton Rios_	2	2 2	2 3	3	4	5		
Tape measures, linen, centimeter and inch, 5 feetno_	1	1	1	2	2	2		
Pest tubes no	12	12	18	18	24	24		
Test tubes, stand forno	1	1	10	1	1	1		
Thermometers 10	2	3	4	5	6	7		
Thread, cotton, assortedspools_	2	9	3	3	4	4		
Thread, linen, unbleached gms	10	20	30	40	50	60		
Tools, chest of (par. 284)no		1	1	1	1	1		
Traps, mouse	2	2	2	3	3	3		
Trops, ratno		î	î	2	2	5		
Trays, butler's no		1	2	3	4	1		
Trays, bed, with legsno	3	6	12	16	16	24		
Trimmer, lampnono	i	1	1	1	1	1 5		
	î	i	1			î		

#### MISCELLANEOUS-Continued.

Articles,	Allowances for one year for posts having official pop- ulation of—								
	100	200	400	600	800	1,000			
Tubing, glass, assorted         kilos           Tubing, rubber, size as required         meters           Tubs, wash         no           Tumblers, glass         no           Twine, fine and coarse         kilos           Twine boxes         no           Urinals, gluss, gradnated         no           Urinometers         no	1/2 2 1 24 1 1 2 1	1/2 2 1 36 1 1 4	1/2 3 1 36 2 1 6 1	1 3 1 50 2 2 8 2	1 4 2 60 3 2 10 2	1 4 2 84 3 2 12 2			
Vials, 50 in box, two 180 c. c., six 120 c. c., twenty-four 60 c. c., fifteen 30 c. c., three 15 c. c. boxes- Vials, 4 c. c. doz. Water coolers no		20 3 2	30 4 2	40 5 3	50 6 3	60 7 3			

# 258. INSTRUMENTS, APPLIANCES, AND DRESSINGS.

					1	
Apparatus, compressed air (par. 283)no_	1	1	1	1	1	113
Apparatus, electric*no_	1	1	1	1	1	1.14
Apparatus, restraint (par. 282)no_	1	1	1	1	1	1
Apparatus, steam sterilizingno	1	1	1	1	1	
Apparatus, X-ray (par. 271)no		-				-
Applicator, for throatno_	2	2	2	3	3	1
Atomizers, handnono_	4	4	6	6.	8	117
Atomizers, hand no Bacteriological set, as per list (par. 277) no no						-
Bag, obstetrical (par. 268)no_	1	1	1	T	1	
Bandages, flannel, 3-in, rollerdoz_	1	1	2	2	3	W 18
Bandages, gauze, roller, assorted, in boxes of 6 dozen_boxes_	7	9	12	16	18	-9
Bandages, rubber (Martin's), 4 meters by 63 mmsno.	1	1	1	2	2	
Bandages, suspensoryno_	- 8	12	16	20	30	4
Bandage winderno_	1	1	1	1	1	
Bongles, flexible, as requiredno_				432		
Boxes, fructure, foldingno_	1	1	1	2	2	
Brushes, hand, scrub, fiberno_	- 6	- 6	12	18	24	3
Case, aspirating (par. 269)	1	1	1	1	1	
Case, dental, post, small (par. 279)	1	1	1	1	1 i	
Case, emergency (par. 249)	1	1	2	2	3	
Case, ear, nose, and throat (par. 263)no_	1	1	1	1	. 11	
Case, eye (par. 264) no	1	1	1	ī	. i :	
Case, forceps, hiemostatic, 12 in set (par. 261)no_	1	1	1	1	1	
Case, general operating (par. 259)	1	1	1	1	1	
Case, genito-urinary (par. 262)	1	1	1	ī	; ; ;	
Case, gymecological (par. 267)	1	1	1	1	1 1	
Case, pocket (par. 260)	1	1	2	2	2	
Case, post-mortem (par. 274)	1	1	1	ī	11	
Case, tooth-extracting (par. 280)	1	1	1	l î	i i '	
Case, trial lenses (par. 265)			î	l i	: 1:	
Catheters, flexible, as required				1:	. •	
Charts, anatomical, in caseset_	1	1	1	1	. 1	
Chemical set, as required (par. 278)		-				
Cotton, absorbentkilos_	3	6	10	12	15	
Cotton batskilos_	2	3	4	6	18	
Curettes, as required no						

<sup>\*</sup>Sulphuric acid, sulphate of copper, and bichromate of potash, in 500-gm. bottles, and metallic mercury, in 125-gm. bottles, will be issued as required for battery use.

#### INSTRUMENTS, APPLIANCES, AND DRESSINGS-Continued.

Articles.	Allowances for one year for posts having official pop- ulation of—								
	100	200	400	600	800	1,000			
Cutting pliers, for fixed bandagesno First-aid packets, to be held in reserve for field service no.	1	1	1	1	1	1			
First-aid packets, to be held in reserve for field service_no.	100	100	200	300	500	600			
Forceps, needleno_	1	1	1	1	1	1			
Formaldehyde generator no. Gauze, iodoform, in ½-meter packets meters.	1	1	1	1	1	1			
Gauze, iodoform, in 1/2-meter packetsmeters.	4	6	10	15	20	25			
Gauze, plainmeters	100				600	800			
Hæmocylometerno	1	1	1	1	1	1			
Hæmoglobinometerno_				1	1	1			
Inflator, Politzer'sno_	1	1			1	1			
Inhaler and vaporizer (par. 281)no_	1	1	1	1	1	1			
Inhaler, chloroform, with drop bottleno_	1	1	1	1	1	1			
Inhaler, ether		1	1	2	2	2			
Lavage tube, stomach	i	1	1	2	2	2			
Lavage tube, stomach no. Ligature, catgut, sterilized, 3 sizes, in packages, 1	1	1	1	2	2	4			
mater each place and packages, 1	5	6	9	10	12	15			
meter each pkgs. Ligature, horse hair, coils of 100 coils.	2	2	4	4	6	6			
Ligature, kangaroo tendon, packages of 50pkgs_	2	5	4	4	6	6			
Ligature silk braided assorted sizes our	5	2 5	10	10	15	15			
Ligature, silk, braided, assorted sizes gms. Ligature, silkworm gut, in coils of 50 coils.	2	2	4	4	6	6			
Microscope (par. 275) no	i	1	i	i	1	î			
Microscopical accessories, outfit of (par. 276) no.	1	1	i	1	1	1			
Microscope (par. 275) no.  Microscopical accessories, outfit of (par. 276) no.  Muslin, unbleached meters.	10	10	15	20	25	30			
Needles, surgical, assorted, as requiredno_		100		-					
Needles, surgical (Hagedorn's), 20 in setsets	1	1	1	2	2	2			
Ophthalmoscope no. Paper, oiled, in 5-meter rolls rolls.	1	1	1	1	1	1			
Paper, oiled, in 5-meter rollsrolls	1	2	3	4	5	6			
Pins, common, assortedpapers.	4	6	8	10	12	15			
Pins, safety, 3 sizesdoz.	9	9	18	18	24	30			
Plaster, adhesive, 30 cms. wide, in 2½-meter rolls_meters.	20	25	30	40	50	60			
Plaster, isinglass, in 1-meter rollsmeters	2	2	3	3	4	4			
Plaster of paris Kilos	1 4	4	6	10	12	14			
Pouches, Hospital Corps, as required (par. 272)no.	-			-					
Pouches, orderly, as required (par. 273)no				Jacks					
Pus basinsno.	1		3		4	4			
Ruzors		I	1		2 2	2			
Razor stropno	1	1	1	2	16	20			
Rubber sheeting, or linitemeters.		1	6	12	2	20			
Silk, oiled, in 5-meter rolls no.	1	2	3	4	5	6			
Soap, green, in 500-gm, compressible tubes tubes tubes	2	1	6		18	24			
Speculum, rectal		1	1	1	1	1			
Splints, felt forpieces.	4	6	8	8	10	10			
Sponge holdersno.	2	2	2	4	4	4			
Sponges, small, in strings of 50 m. no.	50	50	50			50			
Sprinklers, iodoform, h.rno	1	1	1	2		2			
Stenta-book, in 5-meter piecesmeters.	5	10	10			25			
Stethoscope, doubleno.	1	1	2			2			
Suringes havodermic (par 248)	2	2	2	1	4	4			
Thermo-cautery (Papelin's) (par. 270) *	1	Ĩ	ĩ	1	1	i			
Thermometers clinical t	4	8				24			

\*Benzine, of a specific gravity not greater than 0.724, in 1-liter bottles, will be issued as required for use with this cautery.

† Clinical thermometers may be issued from medical supply depots on request by information slip, approved by the chief surgeon of the department. Chief surgeons will see that there is no unnecessary expenditure and that the thermometers are not issued in unnecessary quantities.

# 263. CONTENTS OF INSTRUMENT CASE FOR EAR, NOSE AND THROAT.

(In mahogany case.)

Applicator, cotton, straight	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Furuncle knife, with angular handle_no_ Head-mirror and band, 3-inno_ Mirror, rhinoscopicno_ Mirrors, laryngeal, 1 round, 1 oval, set at different anglesno_ Myringotome, with angular handleno_ Scissors, Wood's, uvulano_ Snare, Hartman's, 2 tips, ear and nose_no_ Specula, silver, ear, Toynbee'sno_ Speculum, nasal, Bosworth'sno_ Specu and hookno_ Tonsillotome, Brun'sno_	1 1 1 1 1 1 1 1
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#### 264.

#### CONTENTS OF EYE CASE.

(In mahogany case.)

Forceps, iris, curvedno- Forceps, fixation, spring catchno- hooks, strabismsno- Keratome, angularno- Knife, cataract, Græfe'sno-	1 1 2 2 1	Paracentesis trocur, Desmarres's	
--	-----------------------	----------------------------------	--

# 265. CONTENTS OF CASE OF TRIAL LENSES (BAUSCH & LOMB).

(In mahogany case, with lock and two keys.)

Twenty pairs spherical convex lenses.

Twenty pairs spherical concare lenses, both from 2 to 160 English inches focus (D. 20-0.25). Eleven cylindrical convex lenses.

Eleven cylindrical concare lenses, both from 8.88 to 160 English inches focus (D. 4-50-0.25).

Exercises, 29, 39, 49, 59, 89, 129. Fixe discs, one white and one ground glass, one plain metal, one metal with hole in center, and one metal with stenopaic slif.

Four colored glasses—red, blue, green, and brown. One graduated trial frame, No. 3, double cell.

One graduated trial frame, No. 2, double cell, adjustable.

#### 266.

#### VISION-TEST SET.

(In painted tin box.)

This set contains:

1. A set of three test cards for use at distances of 13, 16½, and 20 feet, respectively. bearing the test characters.

2. A set of test wools for the detection of color blindness, consisting of three larger skeins of "test colors" (one pale green, one rose color, called purple, and one bright

red); and 144 small skeins of "confusion colors," as follows: Of pure gray, four shades, two skeins of each. Of the colors named below, eight shades, one skein of each, all wrapped in a piece of muslin 1 meter square.

Hair-brown. Yellow.
Lion-brown. Yellow-green.
Olive-brown. Olive-green.
Wood-brown. Green.
Pearl-gray. Blue-green.
Orange. Blue, No. 1.

Blue, No. 2. Violet. Purple, No. 1 (Rose Victorial). Purple, No. 2.

3. A small paper box in which to keep the extra lens and the twelve test-type cards.

4. A pamphlet of directions for using the vision-test set.

#### 267. CONTENTS OF GYNÆCOLOGICAL CASE.

(In canvas case.)

Caucas case, as instrument holderno_ Carette, double, McLaurens'sno_ Carette, Holtrook's doucke, set of 3 with handleset_ Lepressor, double end, Sims'sno_ Didator, uterine, Wathen'sno_ Corceps, compression, 7½-in., 1 straight and 1 curred, Pean'sno_ Corceps, tengensing, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	1 Probe, nterine, Sime' no 1 Repositor, uterine, Elliott's no Scissors, curved on fled, one point shorp, 2 S'2-in, Sime' no 1 Scissors, hawkbill, Skene's no 1 Scissors, straight, one point, sharp 8½- in, Sime' no Sound, uterine, Simpson's no Speculum, Sims', medium and large no 1 Speculum, urethral and cervical, Erunage's no 1 Speculum, raginal, trivalve, Nott's no 1 Spenge holder, forceps, Kelley's no 1 Spenge holder, Sims' no 1 Tenaculum, Indey's no
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268.

#### CONTENTS OF OBSTETRICAL BAG.

(In leather satchel.)

Chloroform, metallic case bottle bott- Cranicolast no Ergot, fluid extract of bott Forceps, obstetrical, Jewett's no Forceps, obstetrical, Tarnier's, axis trac- tion, Lusk's modification no Forceps, placental, Bozeman's no Hook, blunt, Braun's no Ligatures, catgut gm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ligatures, silk gm. Needle holder no. Needles, surgicul, assorted no. Perforator, Smellie's no. Petrolatum, sterilized bott. Scissors, curved on flat, one point sharp, S½-in., Sims' no. Tablets, antiseptic bott	1
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269.

#### CONTENTS OF ASPIRATING CASE.

(In leather-covered or metal case.)

Needles, aspirating no- Obturator, blunt, for cannula no- Pump Taba, double current, metal, with rubber stopper no-	1	Tube, metallic, with extra wiresno_ 1 Tubing attachmentsno_ 4 Tubing rubberpieces_ 3 Trocur and cannula with stopcockno_ 1	
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# 270.

#### IMPROVED THERMO-CAUTERY, PAQUELIN'S.

(In leather-covered case.)

Apparatus, double bulb, for supplyin airCautery button	no_ 1	Reservoir for hydrocarbon, nickel-   platedno_ 1   Tube, lengtheningno_ 1
Cautery knife	no_ 1	Tube, rubberno_ 1
Handle, cannulated, ebony	no_ 1	
271. x	RAY AI	PPARATUS.
(In ir	on-bound	l wooden chest.)
Battery, 10 Edison-Lelande cells, typ "W" in metal-lined polished-oa	ık	Fluoroscope, Edison, 6 by 8 inno_ 1 Localizer, cross frame, with standno_ 1 Photographic supplies*
Charges for battery, extra		Rheostat, combinationno_ 1
Coil, Edison-Ruhmkorff, G-in. spari		Stand for tube, adjustableno_ 1
with adjustable condenser and ribra	u-	Wires, insulatingno_ 2
tor	no_ 1	X-ray focus tubes, Edison, large sizeno_ 2
Cords, battery	no_  2	X-ray focus tubes, Edison, medium size_no_ 2
		PITAL CORPS POUCH.
Ammonia spiritus aromaticus, in flas	. c_ 60	Jackknife, with saw blade and cork-
Bandages, gauze, roller, sterilized	no_' 6	Plaster, adhesive, 2.5 cms. wide, and
Case, containing pins, common an safety, scissors, and dressing forcept	8,	5 meters long, spoolno_ l Rubber bandage, 2 meters long and 63
First-aid packets	no_ 1 no_ 8	mms, wideno_ 1 Splints, wire gauze for, in roll_meter_ 1
		RDERLY'S POUCH.
Ammoniae spiritus aromaticus, in flas		Ligatures, silk, braided, sterilized, 3
with cupc Bandages, gauze, roller, sterilized Case, pocket (par. 260)	no_+ 6	sizespkgs_6 Mist, chloroformi et opii, in case, fluid or tabletsc. c. 30
Chloroform, in casegr	ms100	Pins, common and safety, of each,
Catheter, Eng., rubber, in box		paper. 1
Diagnosis tags and pencilbo First-aid packets		Plaster, adhesive, 2.5 cms. wide and
Ganze, sublimated, 1-meter, two ½		5 meters longspool_ 1 Rubber bandage, 2 meters long and 63
meter pieces in packagepk	gs. 4	mms. wideno_ 1
Jackknife, with saw blade and corl	·-	Scissorsno.
*****	1111	Sulinte wire course for in roll mater 1

Splints, wire gauze for, in roll.\_meter. Syringe, hypodermic (par. 248)\_\_\_\_no\_

screw\_\_\_\_no\_ 1 Ligatures, catgut, sterilized, 3 sizes,

pkgs\_ 6

#### 274.

#### CONTENTS OF POST-MORTEM CASE.

(In mahogany box.)

	1	Knife, amputating, smallno_ Knife, cartilageno_	1
Chiselno_ Costotome chiselno_	1	Needles, and threadno_ Sawno_	1
Enterotomeno_ Forceys dissectiva no		Scalpels, assortedno_ Scissors, straightno_	
Hammer, steelno_ Knife, amputating, largeno_	1	Tenaculumno_	1
maje, ampatusny, turgeno	1	, I	

#### 275.

#### MICROSCOPE.

The "Continental" pattern, made by Bausch & Lomb Optical Company. In upright cherry-wood case, with handle, lock, and extra hook and post fustenings, the contents of which are as follows:

			_
Stand, Universal BBno_	1	Objective, 3no_	1
Eyepiecesno_	2	Objective, ino_	1
		Objective, 12, oil immersionno_	1
Triple nose piece	1		
		· .	

#### 276.

#### MICROSCOPICAL ACCESSORIES.

Agar-agar, in 250-gm, packages	r for pop-		ng of	havi		p	Articles.
Alcohol, absolute, in 250 c. c. g. s. bottle botts 1 1 1 2 2 2 Balsum bottle not c. bottle botts 1 1 1 2 2 2 Balsum bottle no c. bottle botts 1 1 1 2 2 2 Balsum bottle no c. bottle botts 1 1 1 2 2 2 Balsum bottle no c. bottle bott 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,000	800	600	400	200	00	
Alcohol, absolute, in 250 c, c, g, s, bottle   botts   2   2   2   4   4     Aniline oil, in 50 c, c, bottle   botts   1   1   2   2     Balsam bottle   no   1   1   1   1     Bismarck brown, in 4-gm, bottle   bott   1   1   2   2     Balsam bottle   no   1   1   1   1     Bismarck brown, in 4-gm, bottle   bott   1   1   2   2     Camada balsam, in 30 c, c, bottle   botts   1   1   2   2     Covers, glass, 16 or 19 mms, square   gms   15   15   15   30   30     Dropping bottle, for all of cedar   no   1   1   1   1     Filtering paper, Swedish, Munktel's, No. 1   quirs   1   1   1   1     Filtering paper, Swedish, Munktel's, No. 1   quirs   1   1   1   1     Forceps, coner-glass, Steward's pattern   no   2   2   2   2     Forceps, sonall, straight, medium fine   no   1   1   1   1     Funnels, glass, 25 c, c   no   2   2   2   2     Funnels, glass, 25 c, c   no   2   2   2   2     Funnels, glass, 25 c, c   no   2   2   2   2     Funnels, glass, 25 c, c   no   2   2   2   2     Funnels, glass, 25 c, c   no   2   2   2   2     Funnels, glass, 25 c, c   bottle   bott   1   1   1     Oil of cedar, in 30 c, c, bottle   bott   1   1   1     Fighone, in 250 gm, w, m, bottle   botts   1   1   1     Follose, glass, 5 mms, linek, 15, 20, and 30 cms, long, as sorted   gms, 200   200   300   300   500     Stoncocks, Mohr's, for rubber Inhina   10   2   2   2   2     Total Stoncocks, Mohr's, for rubber Inhina   10   2   2   2   2     Total Stoncocks, Mohr's, for rubber Inhina   10   1   2   2   2     Total Stoncocks, Mohr's, for rubber Inhina   10   1   1   2   2   2   2   2     Total Stoncocks, Mohr's, for rubber Inhina   10   1   1   1   1     Total Stoncocks, Mohr's, for rubber Inhina   10   1   1   1   1   1   1   1   1	2	2	2	1	1	1	Agar-agar, in 250-gm, packagespkgs_
Aniline oil, in 50 c. c. bottle botts 1 1 1 2 2 2 Balsame bottle no 1 1 1 1 1 1 1 Bismarck brown, in 4-gm. bottle bott 1 1 1 1 1 1 1 Canada balsam, in 30 c. c. bottle bott 1 1 1 1 1 2 2 3 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4	4	4	2	2	9	
Balsam bottle	2	2	2				
Bismarck brown, in 4-gm. bottle	- î		1	1	I	1	
Camada kalsam, in 30 c. c. bottle.       botts.       1       1       2       2         Covers, glass, 16 or 19 mms, square       gms.       15       15       5       30       30         Dropping bottle, for oil of cedar.       no.       1        1	1	T	1	10	1	1	Bismarck brown, in 4-gm, bottle bott
Covers, glass, 16 or 19 mms, square.       gms.       15   15   30   30   30   30   30   30   30   3	2	2	2	- 1	1	1	Canada balsam, in 30 c. c. bottle botts
Dropping bottle, for oil of cedar	30	30	30	15	15	15	
Forceps, cover-glass, Steucut's pattern	- 1	1	1	1	1	1	Dropping bottle, for oil of cedarno
Forceps, cover-glass, Steucut's pattern	1	1	1	1	1	1	Filtering paper, Swedish, Munktel's, No. 1 quire
Forceps, small, straight, medicine fine	- 2	2	2	2	2	2	Forceps, cover-glass, Stewart's pattern no
Fuchsin, in 15-gm. bottle         bott.         I         1         2	1	1	1	1	1	1	Forceps, small, straight, meding fineno
Funnels, glass, 25 c. c.         no.         2 </td <td>- 3</td> <td>I.</td> <td>I</td> <td>1</td> <td></td> <td>1</td> <td></td>	- 3	I.	I	1		1	
Funnels, glass, 500 c. c. no 2 2 2 2 2 2 2 6 Gelatin, in 60-gm. package pkgs 5 5 5 10 10 10 10 10 10 10 10 10 10 10 10 10	2	2	2	2	2	2	
Gelatin, In 60-gm, package     pkgs     5     5     10     10       Gentian violet, in 15-gm, bottle     bett     1     2     2       Rods, glass, 5 mms, thick, 15, 20, and 30 cms, long, assorted     gms, 200     200     300     300     500	2 2	2	2	2	2	2	
Gentian violet, in 15-gm, bottle         bett.         1         2         2         Rods, ghass, 5 mms, thick, 15, 20, and 30 cms, long, assorted         gms, 200         200         300         300         500         500         sorted         Into 1         1	10	10	10	5	5	5	Gelatin, in 60-gm, package pkgs
Methylene blue, in 16-gm, bottle         bott         1         2	1	1	10	10	1	1	Gentian violet, in 15-gm, bottle bett
Oil of cedar, in 30 c. c. bottle botts 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 Rods, glass, 5 mms, thick, 15, 20, and 30 cms, long, assorted gms, 200 200 300 300 500 Section lifter, small 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	1	1	1	1	1	Methylene blue, in 15-gm, bottle bott
Pertone, in 250-gm, w. m. bottle         bottle         1         1         1         1         2         2           Rods, glass, 5 mms, thick, 15, 20, and 30 cms, long, assorted         gms, 200         200         300         300         500           Section lifter, small         no         1	1.1	1	1	1	1	1	Oil of cedar, in 30 c, c, bottlebott
Rods, glass, 5 mins, thick, 15, 20, and 30 cms, long, assorted         gms, 200         200         300         300         500           Section lifter, small	2	2	2	1	1	1	
Section lifter, small	200	500	2007	900	onn	w	Rods, glass, 5 mms. thick, 15, 20, and 30 cms. long, as-
Slides, glass, 25 x 75 mms doz 4 4 4 8 10  Stoncocks, Mohr's, for rubber tubing pg 2 2 2 2 2 2	1	Market Co.	Service	March Co.	ZIM	1	
Stoncocks, Mohr's, for rubber tubing no 2 2 2 2 2	12			4	1	2	Cition rights, which are 16 v. 75 mans
Chapteress, mont s, for things things - 10 2 2 2 2 2 2	12			100	4		Change by Make's for million taking
Test tubes, 6 x 3/4 in gross 2 2 2 2 2 2	2 2			2	2		Stopcocks, Monr s, for runner tuning
Test tubes, 6 x 3/4 in gross. 2 2 2 2 2 Xylenum, in 250 c. c. bottle botts 1 1 1 2 2	2			2	2	-	rest tubes, o x % III

#### MICROSCOPICAL ACCESSORIES-Continued.

The following are supplied only on special requisition:

Microtome, Laboratory, B. and Lno_ Kuife for microtomeno Belgian hone, 8 x 1½ inno_ Ruzor strop, Badger, Emerson's, elec- tric, 14 in. longno_	1	10	Oiler for microtomeno_ Hæmatoxylin, Merck'sgms_ Eosingms_ Celloidin, Schering'sgms_ Staining dishes, with coversno_	10 10 50
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#### 277.

#### BACTERIOLOGICAL SET.

One set is supplied to each post.

Baskets, wire, for sterilizerno 4	Paper, filtering, Swedishqrs. 2
Bath, water, copper, for test tubes no. 1	Paper, litmus, blue and red, best
Bath, water, tripod forno_ 1	quality, of eachsheets   2
Bunsen's burner, for posts supplied with	Pipettes, 1 c. cno_ 2
gasno_1	Pipettes, 5 c. cno_ 2
Dishes, double, Petri'sno.: 12	Platinum wire, heavy, 10-cmpieces_ 3
Forceps, cover-glass, Stewart's pattern_no_ 2	Platinum wire, medium, 10-cm_pieces_ 6
Forceps, straight, small, medium fine_no_ 1	Rubber gas tubing, 1/4-inyds_ 2
Flasks, Erlenmeyer's, 250 c. c 6	Regulator, gas, Reichert's, for posts
Flasks, Erlenmeyer's, 500 c. cno_ 2	supplied with gasno_ 1
Flasks, Erlenmeyer's 1,000 c.cno_ 2	Sterilizer, hot-air, 38 x 28 x 25.5 cm_no_ 1
Funnels, glass, 25 c. c. 4	Stopcocks, Mohr's, for rubber tubing_no_ 1
Funnels, glass, 500 c. cno_ 2	Test measure, footed, 10 c. cno_ 1
Funnels, glass, 1,000 c. cno_ 2	Test tubes, thin glass, 15 cm. by 18
Incubator, lead-lined, 45.5 x 21.5 x	mm. boreno_ 300
30.5 cms*no	Thermometer, 0-50° Cno_ 2
Microburner, 1-flameno_ 1	Thermometer, 0-2000 Cno_ 1

<sup>\*</sup>At stations where there is no gas, an incubator, to be heated by petroleum flame, may be obtained upon application.

#### 278.

#### CHEMICAL SET.

Chemical reagents and appliances, subject to the approval of the Surgeon General, will be issued to medical officers upon special requisition.

#### 279.

#### CONTENTS OF POST DENTAL CASE.

(In leather-covered case.)

#### 280. CONTENTS OF TOOTH-EXTRACTING CASE.

(In leather-covered case, with lock and double handle.)

Elevators, Nos. 6 and 7no_	2 Forceps, upper bicuspid and canine,
Forceps, cowhorn, No. 23no_ 10_	No. 11no_
Forceps, lower biempid and canine,	Forceps, upper front root, No. 1no_
No. 21no.	1 Forceps, upper incisor and canine,
Forceps; lower incisor and bicuspid,	No. 13no_
No. 14 no.	Forceps, upper molar, No. 18no_
Forceps, lower molar, No. 15no_	Forceps, upper misdom, No. 10no_
Forceps, universal voot, No. 7no_	Lancet, gumno_

#### 281.

### INHALER AND VAPORIZER.

This outfit consists of a nickel-plated stand, with boiler, spirit lamp, and detachable handle. There are two attachments, a long inhaler and a short deodorizer; both have a reservoir holding a sponge which is saturated with the preparation to be vaporized.

#### 282.

#### RESTRAINT APPARATUS.

(In wooden box, with handle and lock.)

Keys to lock buckles no 5 Strap, waist no Mrif, leather no 1 Wristlets pair	Keys to lock bucklesno_	5	Strap, bed no- Strap, waist no- Wristlets pair.
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#### 283.

#### COMPRESSED-AIR APPARATUS.

Air container, with yange no. Force pump no. Tubing, thick rubber, silk-covered, connecting container with cut-off, meters. Tubing, thick rubber, connecting container with force pump_meters.	2.4	Davidson's sprays, in set, viz:   Atomizer tubes, h, r	3 3 1 1 1 2
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#### 284.

#### CONTENTS OF TOOL CHEST.

(In wooden chest, with handles and lock.)

Awl, brad, and handle, I x 10 in. wide, no 1	Chalk line, soft, with reel and awl, com-
Arcl, brad, and handle, 11/2 x 16 in.	Chisel firmer, cast-steel socket, 1/2-in_no_
wide	Chisel firmer, cast-steel socket, 1-inno_ Chisel firmer, cast-steel socket, 1½-in_no_
Awl, scratch, cast steel, 8-in no 1	Chisel, old no
Bit, gimlet, double cut, No. 1, cast steel,	Countersink no Divider, with set screw, solid cast-steel,
Bit, gimlet, double cut, No. 2, cast steel,	8-inno_
Bit, gimlet, double cut, No. 3, cast steel,	Drawing knife, carpenter's sval blade, 10-in no
Bit, screw-driver, extra cast steel, pol-	Extension bit no File, handsaw, with handle, 3 ins. long_no_
ishedno_ 1	They are the second of the sec

#### CONTENTS OF TOOL CHEST-Continued.

File, handsaw, with handle, 4½ ins. longno_ 1 File, bastard, flat, with handle, 10 ins.	Plane, jack, double ironno_
longno_ 1	i a mino, rabber, abuse or on acceptance
rile, bastard, flat, with handle, 10 ins.	Plane, smoothing, double ironno_
longno_ 1 File, rat-tailno_ 1	
File, rat-tailno_ 1	, - tane, to an ang, - to to a
Fange, marking, beechwood, with set screwno_ 1	Ratchet, braceno_
screwno_ 1	Ratchet screw-driver, 5-inno_
Findet, double cut, wooden handle,	Rasp, wood, oval, with handle, 10 ins.
No. 1no_ 1	longno_
No. 1no_ 1 imlet, double cut, wooden handle,	Rule, boxwood, square joints, 8ths and
No. 2 10_ 1	
No. 2 no 1 Gimlet, double cut, wooden handle, No. 3 no 1	Sliding T-berelno_
No. 3no_ 1	Sur, setno_
Tammer, nail, adz-eye, cast-steelno_ 1	Sar, hand, 26-inno_
latchet shinalina no 1	
Hatchet, shinglingno1 Mallet, carpenter's, mortised handle, 5	Sair, panel, 16-inno_
ins, longno_ 1	Sar, ripno_
Nail puller, large 1	
Nail set, square, polished, solid cast iron,	Screw, hand, 8-inno_
4-in1	
Nails, box of, steel wire, assorted,	Spirit level, pocket, iron top plate,
Solomon Gundyno_ 1	japannedno
Nippers, plier and cutting, combined,	Spokeshave, wood, 3-inno_
or the state of th	m victorial distribution of the control of the cont
6-inno_ 1 Diler, zinc, No. 2no_ 1	Tape-measure, linen, inches and centi-
Juer, zinc, No. Zno_	meters, 50 feetno_
Oilstone, Washila, 1½ lbsno_ 1	Try-square, reservood, graduated steel
Pincers, carpenter's, steel-jaw, 10-in_no_	blade, 9-inno_
Plane, fore, double ironno_ 1	Vise, bench and ironuo_

#### ICE MACHINES AND THEIR EQUIPMENT.

285. Ice machines and their equipment vary in accordance with the terms of conract under which they are purchased.

286. Certain articles and materials used by the Medical Department are obtained from the Quartermaster's Department; the following list is appended to show the general character of these supplies:

Agricultural and stable implements.
Ambulances, reagons, draft animals, and other
means of transportation.
Ambulance and wagon harness, paulius, whips,
horse blankels, etc.
Ares, hatchets, helves, wood saws.
Bedsteads, bedding, box lockers, etc., for
Hospital Corps.
Clothing, etc., for Hospital Corps and
patients.
Cooking utensils.
Flugs and guidons (see A. R. 238).

Forage, bedding and medicines for animals. Fuel. Hundcarts. Horses, mounts for Hospital Corps. Ladders.

Lamps, gas fixtures, etc.
Oil, illuminating.
Stores, ranges, pipe and fixtures.
Tentage, tent pins, mauls, etc.
Travois.

Wheelbarrows.

287. The personal equipment of the men of the Hospital Corps, horse equipment for mounted service, and, when necessary, arms and ammunition, are issued by the Ordnance Department, as follows:

Canteen. Canteen strap. Cup, tin. Fork. Haversack. Haversack strap. Horse equipment, for mounted service. Kuife. Meat can.	Revolver.* Rifle.† Shotgun, Springfield.‡ Shotgun, ammunition and reloading outfit for.\$ Spoon. Waist belt. Waist-belt plate.
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\* Revolvers and necessary ammunition therefor will be obtained from the commanding officer, when necessary.

omeer, when necessary,
† The issue of two rifes to each military post for bearer drill is authorized.
‡ Upon requisition of the surgeon (through military channels) duly approved by the
Surgeon General, the Ordnance Department will issue a shorgun, with necessary
appendages and ammunition, for the use of members of the Hospital Corps.

§ The reloading outfit of the shotgun consists of the following (expendable articles
may be replaced by annual requisition upon the chief ordnance officer of the department):

Canister, tin, for powder, 2-lbno 1 Canister, tin, for powder, 5-lbno 1 Cartridge primers	Drift         no         1           Funnel         no         0           Gun wads, No. 18, pink edge         no         2, 900           Packing box         no         1           Powder, musket         lbs         7           Priming tool, Frankford         no         1           Shot, No. 8         lbs         50
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#### FIELD SUPPLY TABLE.

#### FIELD HOSPITALS.

288. Allowance for three months for Field Hospital, to be numbered consecutively as organized, of 108 beds capacity. This hospital is fully equipped for its own purposes, and includes in its hospital supplies a reserve for issue to regiments. It is intended for assignment with troops in the field wherever its services may be needed. Its capacity is that ordinarily necessary to satisfy the needs of 5,000 effectives.

289.

#### MEDICINES.\*

T II

Acidum arsenosum, 1-mgm. tablets, 250 in 25 c. c. bottlebotts_ 4	Cantharidis emplastrum, in 1-meter
Acidum boricum, 324-mgm. tablets,	tintins_ 2 Capsici tinctura, in 125 c. c. bottle,
500 in 250 c. c. bottlebotts_ 3	botts_ 2
Acidum nitricum, in 200 c. c. g. s.	Capsicum, 32-mgm. tablets, 250 in 25
bottlebotts_ 4	c. c. bottlebotts_ 3
Acidum sulphuricum aromaticum, in	Chloral, 324-mgm. tablets, 400 in 125
200 c, c, g, s, bottlebotts_ 3	c. c. amber-colored bottlebotts_ 3
Acidum tannicum, 324-mgm. tablets,	Chloroformum, in 200 c. c. g. s. bottle,
500 in 250 c, c, bottlebotts_ 3	botts_ 72
Æther, in 100-gm. tinstins_ 50	Cocains hydrochloras, 10-mgm. hy-
Ætheris spiritus compositus, in 200	podermic tablets, in tubestubes_ 6
c. c. g. s. bottlebotts_ 5	Codeina, 32-mgm. tablets, 250 in 25
Ætheris spiritus nitrosi, in 200 c. c.	c. c. bottlebott_ 1
g. s. bottlebotts_ 25	Colchici, ext. fld. 0.065 c. c. tablets,
Alcohol, in 1-liter bottlebotts_ 100	250 in 25 c. c. bottlebott_ 1
Alumen, 324-mgm. tablets, 400 in 125 c. c. bottlebotts5	Collodium, in 20 c. c. g. s. bottle_botts 25 Cupri arsenis, 0.325-mgm. tablets,
Ammoniæ spiritus aromaticus, in 200	250 in 25 c, c, bottlebott_ 1
c, c, g, s, bottlebotts_ 20	
Ammonii chloridi trochisci, 250 in 250	Digitalinum, 1-mgm. hypodermic tabletstubes 6
c, c, bottlebotts_ 8	Digitalis tinctura, 0.3 c. c. tablets,
Amyl nitris, 5-drop pearls, 12 in box,	250 in 25 c, c, bottlebotts 8
boxes_ 2	Ergotinum, 130-mgm. tablets, 400 in
Antipyrinum, 324-mgm. tablets, 250	125 c. c. bottlebott_ 1
in 125 c. c. bottlebotts_ 2	Ferri chloridi tinctura, in 200 c. c.
Apomorphinæ hydrochloras, 6-mgm.	g. s. bottlebotts 15
hypodermic tabletstubes_ 6	Ferri pilulæ compositæ, 400 in 125
Argenti nitras fusus, 25 gms. in 25   c. c. bottlebotts_ 2	c. c. bottlebotts_ 3
c. c. bottlebotts_ 2	Glycerinum, in 250 c. c. bottlebotts_ 40
Atropinae sulphas, 0.65-mgm. hypo-	Glycyrrhize mistura composita, tab-
dermic tabletstubes_ 4	
Belladonnæ emplastrum, in 2-meter	Guaiacolis carbonas, 324-mgm. tab-
tin, 6-intins_ 6	
Bismuthi subgallas, 324-mgm, tab- lets, 500 in 250 c. c. bottlebotts_' 5	Hydrargyri chloridum mite, 32-mgm. tablets, 250 in 25 c. c. amber-colored
Bismuthi subnitras, 324-mgm. tab-	bottlebotts_  20
lets, 500 in 250 c. c. bottlebotts_ 10	Hydrargyri iodidum flavum, 10-mgm.
Caffeina citrata, 65-mgm, tablets, 250	tablets, 250 in 25 c. c. bottlebotts_ 13
	Hydrargyri massa, 324-mgm, tablets,
Camphora, pulvis, 250 gms. in 500	250 in 125 c, c, bottlebotts 5
c. c. w. m. bottlebotts_ 10	

<sup>\*</sup> Medicine tablets should habitually be broken down with mortar and pestle before administration.

# MEDICINES-Continued.

Hydrargyri unguentum, 200 gms. in		Potassii bicarbonas, 324-mgm. tab-	
125 c. c. w. m. bottlesbotts_	5	lets, 80 in 25 c. c. bottlebotts_	7
Hyoscinæ hydrobromas, 0.65-mgm.		Potassi bromidum, 324-mgm. taolets,	-
hypodermic tabletstubes_	6	400 in 125 c. c. bottlebotts_	4
Hyoscyami pilulæ compositæ, 400 in 125 c. c. bottlebotts_	1	Potassii ehloras, 324-mgm, tablets, 400 in 125 e. c. bottlebotts_	7
Iodoformum, 150 gms. in 125 c. c.		Potassii et sodii tartras, pulvis, 1,500	200
bottlebotts_	14	gms. in 1,900 c. c. tintins_	10
Iodum, 25 gms. in 20 c. c. g. s. bottle,	100	Potassii iodidum, 324-mgm, tablets,	-
botts_	12	800 in 250 c. c. bottlebotts_	5
Ipecacuanha, 65-mgm. tablets, 250 in		Potassii permanganas, 324-mgm. tab-	
25 c, c, bottlebotts_	8	lets, 400 in 125 c. c. bottlebotts_	5
Ipecacuanhae et opii pulvis, 324-		Quininæ hydrochlorosulphas, 32-	-
mgm. tablets, 500 in 250 c. c.		mgm, hypodermic tabletstubes_	48
bottlebotts_	8	Quininæ sulphas, 200-mgm. tablets,	160
Linimentum rubefaciens, tablets, 250	12	500 in 250 c. c. bottlebotts_	40
in 250 c. c. bottlebotts_	12	Rhamni purshianæ ext., 130-mgm.	6
Magnesii sulphas, 1,800 gms. in 1900 c. c. tintins_	22	Saline solution, normal, tablets, 125	100
Morphinæ sulphas, 8-mgm. tablets,	22	in 125 c. c. w. m. bottlebotts_	2
1,250 in 125 c. c. bottlebotts_	6	Salol, 324-mgm. tablets, 500 in 250	~
Morphina sulphas, 8-mgm, hypo-		c. c. amber-colored bottlebotts_	R
dermic tabletstubes_	24	Sinapis emplastrum, in 4-meter tin,	
Nitroglycerinum, 0.65-mgm. tablet,		6-inch tins	16
250 in 25 c. c. bottlebott_	1	Sinapis nigra, pulvis, 1,000 gms. in 1,900 c. c. tintins_	
Nitroglycerinum, 0.65-mgm. hypo-			2
dermic tabletstubes_	6	Sodii bicarbonas, 65-mgm. tablets,	20
Oleum menthæ piperitæ, in 20 c. c.	0	250 in 25 c. c. bottlebotts_	24
g. s. bottlebotts_ Oleum ricini, in 1-liter bottlebotts_	30	Sodii bicarb, et menthæ pip., tablets, 400 in 125 c. c. bottlebotts_	5
Oleum terebinthina, in 1-liter bottle,	-00	Sodii boras, 324-mgm. tablets, 500 in	
botts_	12	250 c, c, bottlebotts_	4
Oleum theobromatis, 110 gms. in 125	1	Sodii bromidum, 324-mgm. tablets,	
c. c. w. m. bottlebotts_	4	800 in 250 c. c. bottlebotts_	4
Opii tinctura camphorata, tablets, 1		Sodii carbonas, exsiccata, pulvis, for	
tablet=4 c, c., 400 in 125 c, c, bot-	1 -1	surgical use, 400 gms. in 500 c. c.	
tlebotts_	5	w. m. bottlebotts_	6
Petrolatum spissum, 46.6° C., 1,500		Sodii salicylas, 324-mgm. tablets, 500	-
gms. in 1,900 c. c. tintins_	8	in 250 c. c. bottlebotts_	8
Phenacetinum, 324-mgm, tablets, 500 in 250 c. c. bottlebotts_	6	Strychninæ sulphas, 1-mgm. hypoder- mic tabletstubes_	80
Pilulæ aloini comp. tablets, 250 in 25		Sulphonal, 324-mgm. tablets, 250 in	00
c. c. bottlebotts_	12	125 c. c. bottlebotts_	5
Pilulæ camphoræ et opii, tablets, 500		Sulphur lotum, 200 gms. in 250 c. c.	
Pilulæ camphoræ et opii, tablets, 500 in 250 c. c. bottlebotts_	6	w. m. bottlebotts_	2
Pilulæ carminativæ, tablets, 400 in		Talcum, pulvis, in 250-gm. tin, with	
125 c, c. bottlebotts_	3	perforated lid and captins_	10
Pilulæ catharticæ compositæ, tablets,	200	Urotropin, 324-mgm. tablets, 250 in	
800 in 250 c, c, bottlebotts_	10	125 c. c. bottle botts	6
Pilulæ copaibæ comp., tablets, 500 in 250 c. c. bottlebotts_	10	Warburg's tincture, tablets, 1 tablet =4 c, c., 500 in 250 c, c, bottle_botts_	4
Plumbi acetas, 130-mgm. tablets, 250	10	Zinci oxidum, 324-mgm. tablets, 400	
in 25 c. c. bottlebotts_	6	in 125 c. c. bottlebotts_	2
Podophylli resina, 16-mgm. tablets,		Zinci sulphas, 324-mgm. tablets, 80 in	
250 tablets in 25 c, c. bottlebotts_	5	25 c. c. bottlebotts_	10
Potassii arsenitis liquor, in 250 c. c.	1	Zingiberis extractum fluidum, in 250	-
bottlebotts_	6	c, c, bottlebotts_	4
			1

#### 290.

## ANTISEPTICS AND DISINFECTANTS.

Acid, carbolic, crystallized, in 250 c.c. bottle botts Antiseptic tablets, hydrarg. chlor. corros., 250 in 250 c. c. bottle botts		Formaldehyde solution, 40 per cent, in 500 c.c. bottlebotts_Lime, chlorinated, in 500 c. c. w. m. bottlebotts_Tricresol, in 500 c. c. bottlebotts_	60
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#### 291.

#### HOSPITAL STORES.

Arrowroot, in 250-gm. packages_pkgs_Beef, soluble, liquid or extract, in 100 c. c. containerscontainers_Brandy, in 1-liter bottlebotts. Candles, 6 to the poundno_Chocolate, sugared, hard, in foil-covered cakesbus_Cinnamon, groundounces_Condensed_milk, unsweetened, or cream, in 500-gm.commercial tin_tins_	60 12 90 12 9	Gelatin, in 50-gm. packagespkgs Malted milk, in 1-kilo tintins. Nutmeg, wholeounces. Rolled oats, or equivalent preparationlbs. Soap, Ivory or castilelbs. Sugar, white, in 2-kilo tintins. Tea, green or blacklbs. Whisky, in 1-liter bottlebotts.	20 9 42 16 15 5
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#### 292.

#### CONTENTS OF FOOD CHEST.

(In iron-bound wooden chest with padlock.)

Arrowroot, powderedlbs_ Beef, soluble, liquid or extract, in 100 c. c. containerscontainers Candles, 6 to the poundno_ Chocolate, sugared, hard, in foil- covered cakeslbs_ Cinnamon, groundounces_ Condensed milk, unsweetened, or cream, in 500-gm. commercial tintins_	41	Malted milk, in tinslbs_ Nutmeg, wholeounces. Rolled oats, or equivalent preparationlbs_ Sugar, granulatedlbs_ Tea, green or blacklbs_ Tins, with screw caps, as containers_no	15 3 10 30 2 11
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One-fourth of the space in this chest is left vacant to permit the addition of such supplementary stores as may be needed.

# 293. STATIONERY, RECORD BOOKS, AND BLANKS.

Bands, rubber, small and medium, gross. Blank books, cap, 4-quireno. Blank books, 8vo, 4-quireno. Envelopes, official, largeno. Envelopes, official, letterno. Envelopes, official, noteno. Envelopes, official, poteno.	10 10 300 1200 500 4	Pads, prescription         no           Pads, letter         no           Paper, blotting         qrs           Paper, legal cap         qrs           Paper, legal cap         qrs           Paper, writing, letter         qrs           Paste, photographers, in compressible tube, with brush and screw	2 20 12
Erasers, rubberpieces_ Fasteners, paperboxes_		ble tube, with brush and screw top, in 60-gm, tubetubes_	9
Ink, writing, in 125 c. c. bottle_botts	8	Pencils, leadno_!	
Ink, carmine, in 30 c. c. bottle _botts_ Mailing tubesno_		Penholdersno_ Pens, steelgross_	12 2
Mucilagebotts_	6	,	

# STATIONERY, RECORD BOOKS, AND BLANKS-Continued.

(a) Record Books, Etc., Medical Department.		Temperature chart, clinical, Form	100
LOCAL CONTRACTOR OF THE PARTY O		Transfer book, Form No. 26no_	48
Deaths and intermentsno_	8	Voucher to abstract of disburse-	
Drill Regulations, Hospital Corpsno_	4	ments, articles purchased, or serv-	
Information slip bookno_	6	ices performed, Form No. 4no_	20
Information slip book of deserters_no_	3	Voucher for property received by	
Letters receivedno_ Letters sentno_	1	purchase, Form No. 5no.	20
Letters sentno_	1		
Manual for the Medical Department_no_	4	(a) Dissile Add de d Occupit	
Morning report book, sick and woundedno_	6	(e) Blanks, Adjutant General's Department.	
Order and letter bookno_	6.	Charles of No. 1974	200
Prescription bookno_	1	Certificates of disabilityno_	100
Register and prescription booksno_	12	Descriptive listsno_	500
Report of female nursesno_		Dischargesno_	400
Statement of hospital fundno_	1	Enlistment papersno_	75
		Final statementsno_	800
(b) Blanks, Medical Department.		Form of medical certificate to ac- company application for leave of	-
Account for hospital care and treat-		absence no_ rule Furloughs no_	50
ment of officers and enlisted men,		Furiougusno_	500
U. S. Army, Form No. 44no_	12	Inventory of effects of deceased sol-	ara
Application for transfer to the Hos-		diersno_	250
pital Corps, Form No. 38no_	40	Morning report, Hospital Corpsno_	1
Contracts for nursesno_	100	Muster rolls, detachmentsno_	150
Invoice of medical supplies, 24 large,	1	Muster rolls, Hospital Corpsno_	30
48 small, Form No. 18no_	72	Notice of soldiers' deposits, Form	
List of patients suffering from epi-		No. 16no.	48
demic diseases, Form No. 27no_	100	Notification of desertion, Form No.	
List of wounded, Form No. 42no_	100	Outline-figure cardsno_	10
Monthly report of physical examina-	1000	Outline-figure cardsno_	75
tion of recruits, Form No. 30no_	50	Physical examination of recruits,	
Monthly sanitary report, Form No.		form forno_	75
41no.	20	Sick-report book, Hospital Corps_no_	2
Numerical weekly report of hos-	-		
pitalno_	50	(A) District Control	
Oaths for nursesno_	25	(d) Blanks, Inspector General's	
Receipt of medical supplies, 24 large,	-	Department.	
48 small, Form No. 19no_	72	*	-
Report of open-market emergency	-	Inventory and inspection reports_no_	16
purchase, Form No. 47no_	12	Inserts for Lameno_	80
Report of sick and wounded, 50	12	Lanca Company of the	
sheets 1, 250 sheets 2, Form No.	- 1	(e) Blanks, Subsistence Depart-	
25no_	300	ment.	
Report of record books, Form No. 37,	SAM		
no.	8	Manual of Subsistence Department _no_	1
Requisition for blank forms, Form	-10	Ration returnsno_	150
No. 36no_	18	Special ration return, Form No. 69_no_	50
Requisition for medical supplies	10		
Requisition for medical supplies, Form No. 15no	24	(f) Blanks Ougstonmoston's De	
Return of the Hospital Corps, Form	24	(f) Blanks, Quartermaster's Department.	
No. 32	50	partment.	
Return of medical property, with	00	Estimate of clothing and equipage_no_	30
48 additional leaves, Form No.			
	0	Invoices for transportationno_	25
Special diet table, Form No. 28no_	150	Manual of Quartermaster's Depart-	4
Special requisition for medical sup-	100	mentno_	1
	80	Receipts for transportationno_	25
plies, Form No. 16no_	60	Requisition for fuel, forage, straw,	20
Statement of the hospital fund and		etc	50
return of durable property, Form	40	Scheaule for clothing for issueuo_	30
No. 35no_	40	Special requisition for suppliesuo.	1 00

# STATIONERY, RECORD BOOKS, AND BLANKS-Continued.

(g) Blanks, Ordnance Department.		(h) Blanks, Paymaster General's Department.	
Abstract of expendituresno_ Articles charged to enlisted menno_ Invoices and receipts, combinedno_ Quarterly statementsno_ Return of ordnance and ordnance stores, Form Hno_ Requisition for ordnance and ord- nance storesno_	4 4 24 4 12	Allotment of pay	50 100 50

#### 294.

#### CONTENTS OF FIELD DESK.

(In iron-bound oak chest, with padlock, in hinged crate.)

(a) Books.		Paper, writing, letterqrs_ Paper, writing, noteqrs_	4
Army Regulationscopy_	1 '	Paste, photographers, in compressible	
Clothing and descriptive bookno_	1	tube, with brush and screw toptube_	1
Drill regulations for the Hospital Corps,	- 1	Pencils, leadno_i	4
copy_	1	Pens, steelno	
Handbook for the Hospital Corps, Smart,	- 1	Penholdersno_	.,
	1	Rulerno	ì
copy_	1	naterno	•
Hygiene, Military, Munsoncopy_		(a) Dissila Madical Damadas and	
Information slip bookcopy_	1 -	(c) Blanks, Medical Department.	
Information slip book, desertions, copy_	1		
Manual for the Medical Department,	, :	Examination of recruits, monthly re-	
copy_	1	portno_'	6
Manual for courts-martialcopy_	1	Hospital-fund statementno_	6
Medicine, Practice of, Oslercopy_	1.	Medical property, return ofno_	2
Morning report, Hospital Corps_copy_	Ι,	Medical supplies, invoice of, single	
Morning report, sick and wounded,		sheetno_!	12
copy_	- 1 ,	Medical supplies, receipt for, single	
Order and letter bookcopy_	1	sheetno_	12
Sick report, Hospital Corpscopy_i	1	Medical supplies, special requisition	
Transfer bookcopy_	1 '	forno_	12
Tropical diseases, Mansoncopy_	1	Report of sick and wounded, sheet	
Surgical experiences, Makins copy_	1 '	No. 1sheets_	8
· · · · · · · · · · · · · · · · · · ·			
		Report of sick and wounded, sheet	
(b) Stationery.		Report of sick and wounded, sheet	40
(b) Stationery.		No. 2sheets_	40
•	1	No. 2sheets_ Return of personnel, etc., Hospital	40 12
Book, blank, 8vono_	1	No. 2sheets_	-
Book, blank, 8vono_ Book, blank, for register and pre-	1	No. 2sheets Return of personnel, etc., Hospital Corpsno	-
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_	1	No. 2 sheets Return of personnel, etc., Hospital Corps no.  (d) Blanks, Subsistence Depart-	-
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_ Elastic bands, assortedgross_	1 1 1/2	No. 2sheets Return of personnel, etc., Hospital Corpsno	-
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_ Elastic bands, assortedgross. Envelopes, official, largeno_	1 1 1/2 25	No. 2 sheets  Return of personnel, etc., Hospital  Corps no.  (d) Blanks, Subsistence Department.	12
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_ Elastic bands, assortedgross, Envelopes, official, largeno_ Envelopes, official, letterno_		No. 2 sheets.  Return of personnel, etc., Hospital Corps	12
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_ Elastic bands, assortedgross Envelopes, official, letterno Envelopes, official, letterno Envelopes, official, noteno		No. 2 sheets  Return of personnel, etc., Hospital  Corps no.  (d) Blanks, Subsistence Department.	12
Book, blank, 8vono		No. 2 sheets Return of personnel, etc., Hospital Corps no  (d) Blanks, Subsistence Department.  Ration returns no Special ration return, Form No. 69_ne	12
Book, blank, 8vono Book, blank, for register and pre- scriptionsno Elastic bands, assortedgross, Envelopes, official, largeno Envelopes, official, letterno Envelopes, official, noteno Eraser, rubber	50 1 1	No. 2 sheets.  Return of personnel, etc., Hospital Corps no.  (d) Blanks, Subsistence Department.  Ration returns no. Special ration return, Form No. 69_no.  (e) Blanks, Quartermaster's	12
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_ Elastic bands, assortedgross. Envelopes, official, largeno_ Envelopes, official, letterno_ Envelopes, official, noteno_ Eraser, rubberpiece. Eraser, steelno_ Ink, blackbotts	50 1 1 2	No. 2 sheets Return of personnel, etc., Hospital Corps no  (d) Blanks, Subsistence Department.  Ration returns no Special ration return, Form No. 69_ne	12
Book, blank, 8vo	50 1 1 2 1	No. 2 sheets. Return of personnel, etc., Hospital Corps	12
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_ Elastic bands, assortedgross_ Elastic bands, assortedgross_ Envelopes, official, largeno_ Envelopes, official, noteno_ Ernser, rubberno_ Eraser, rubber	50 1 1 2 1 2	No. 2 sheets.  Return of personnel, etc., Hospital Corps no. (d) Blanks, Subsistence Department.  Ration returns no. Special ration return, Form No. 69_no.  (e) Blanks, Quartermaster's Department.  Requisition for fuel, forage, straw,	12 15 12
Book, blank, 8vo	50 1 1 2 1	No. 2 sheets Return of personnel, etc., Hospital Corps	12
Book, blank, 8vono Book, blank, for register and pre- scriptionsno Elastic bands, assortedgross. Elastic bands, assortedgross. Envelopes, official, largeno Envelopes, official, letterno Envelopes, official, noteno Ernser, rubber	50 1 2 1 2 4 2	No. 2 sheets.  Return of personnel, etc., Hospital Corps no.  (d) Blanks, Subsistence Department.  Ration returns no. Special ration return, Form No. 69 no.  (e) Blanks, Quartermaster's Department.  Requisition for fuel, forage, straw, etc. no. Schedule for clothing for issue no.	12 15 12
Book, blank, 8vo	50 1 2 1 2 4 2 4	No. 2 sheets Return of personnel, etc., Hospital Corps	15 15 12
Book, blank, 8vo	50 1 1 2 1 2 4 2 4	No. 2 sheets Return of personnel, etc., Hospital Corps	12 15 12
Book, blank, 8vono_ Book, blank, for register and pre- scriptionsno_ Elastic bands, assortedgross_ Elastic bands, assortedgross_ Envelopes, official, largeno_ Envelopes, official, noteno_ Envelopes, official, noteno_ Eraser, rubber	50 1 1 2 1 2 4 2 4 4 25	No. 2 sheets Return of personnel, etc., Hospital Corps	15 12 6 4 4 4 4
Book, blank, 8vo	50 1 1 2 1 2 4 2 4 4 25	No. 2 sheets Return of personnel, etc., Hospital Corps	15 12 6 4 4 4 4

#### CONTENTS OF FIELD DESK-Continued.

(f) Blanks, Ordnance Department.		Muster rolls, Hospital Corpsno_ Notice of soldiers' deposits, Form No.	1
Abstract of expendituresno_	4	Notification of desertion, Form No. 15,	٠
Articles charged to enlisted menno_	4	no_	
Invoices and receipts, combinedno_	4	Outline-figure cardsno_	2
Quarterly statementsno_	4	Physical examination of recruits,	
Requisition for ordnance and ord-	1	form forno_	1
nance storesno_	4		
Return of ordnance and ordnance	-		
stores, Form Hno_	2	(h) Blanks, Inspector General's Department.	
(g) Blanks, Adjutant General's			
Department.	1	Inventory and inspection reportsno_	
	1	Inserts for sameno_	2
Certificates of disabilityno_	12		
Descriptive listsno_	12		
Dischargesno_	6	(i) Blanks, Paymaster General's	
Enlistment papersno_	24	Department.	
Final statementsno_	12		
Furloughsno_	6	Allotment of payno_	
Inventory of effects of deceased sol-	"	Deposit booksno_	
diersno_	6	Pay rollsno_	1
Medical certificates for officers' sick	0	Withdrawal of allotment of payno_	•
leaveno_	6	withitawar of anotherit of payno_	
295. FURNITURE, BE	DDII	NG, AND CLOTHING.	_
Bedding and clothing reserve, in 7 can- ras cases, as giren in par. 297.		Desk, field (par. 294)	
Bedding units, complete, in canvas	1 1	for each hospital tent (par. 298)no_	1
	1 1	Tubs, bath, folding, rubbered duck, set	•
cases, 1 for each hospital tent (par.	18	of 2 in chest (par. 299)sets_	

# 296. CONTENTS ON TENT UNIT CANVAS BEDDING CASE.

A complete assortment of bedding, linen, etc., sufficient to once outfit a hospital tent accommodating six patients, is carried in the field in a single cancas bedding case, having the dimensions 16 by 22 by 30 inches, as follows:

Blankets, gray, 58 x 84 ins., 43/4 lbs_no_ 12   Pi   Blanket, rubber, 68 x 80 ins_no_ 10   1   Sh   Mosquito bars, top length 82 ins., height   Sn	illowcases, cotton, 18½, x29 ins
--	----------------------------------

#### 297. RESERVE OF BEDDING AND CLOTHING.

Carried in seven canvas bedding cases. Additional to the 18 tent unit outfits, the list of which is given in paragraph 295.

Blankets, rubber, 68 x 80 insno_ Pillows, feather, 17 x 27 insno_	7 12		110
Pillowcases, cotton, 181/2 x 29 insno_	110	Suits, conralescent	. 12

## 298. CONTENTS OF FOLDING FIELD FURNITURE CHEST, TENT UNIT.

(In iron-bound wooden chest, with two hasps and buttons.)

Chairno_	1 <sup>1</sup>	Mosquito-bar framespairs_ Table, with interlocking arrangement_no_	6 1
	b		

#### 299.

#### BATH-TUB SET.

(In iron-bound wooden chest, with two hasps and buttons.)

Tub,	bath,	folding,	rubbered	duck,	. 1	- i. I. ji	Tub, 51/2	bath, 2-foot _	folding,	rubbered	duck,	1
					1	- 1						

#### 300.

#### CONTENTS OF COMMODE CHEST.

(In iron-bound wooden chest, with hinged top and bottom and hasp and button.)

i	_ 1		_
Bedpan, agate wareno_	1 :	Spit cup, agate wareno_	1
Chamber pot, agate wareno_	1 1	Urinal, agate wareno_	1
Paper, toiletpkgs_		' "	

#### 301. CONTENTS OF ACETYLENE ILLUMINATING OUTFIT CHEST.

(In brass-bound chest, with hasp and button.)

Packed in corners of chest.  Canisters, 3-cornered, for calcium carbideno	4	Tube, distributing, rubber, 3/2-in., coiled inside inner bucket, in assorted tengths test. 150 Tube, distributing, rubber, 3/2-in., coiled
Packed inside acetylene generator.  Bucket, water, with bail, inside water		on gas bell, in amorted lengthsteet_ 110 Water container, outside, with clips _no_ 1
container	1	Packed in metal case, with hinged lids.  Burner tips, acetylene, extra, 1/2-
Container, metal, for rubber tubeno_ Gas bellno_ Reflectors, metal, nest of 3nest_	1 1	footdos2 Clamp, tent-pole, to support 5-way distributing pipeno1

#### CONTENTS OF ACETYLENE ILLUMINATING OUTFIT CHEST-Continued

Packed in metal case, etc.—Cont'd.  Diaphragm, rubber, extra	3 1 2 17 3	Pincers, gas-filters' no Pipe, exit, gus, for screwing to carbide feed magazine no Pipe, distributing, metal, 5-way, with stopcocks and tube elips section Pipe, distributing, metal, 3-way, with stopcocks, tube clips, and ridgepole clamp Pipe, junction, metal, 2-way, with tube clips weetins Reflector supports, with tube elip no Washers, extra, in envelope no White lead, in compressible tube tube	1
--	------------------------	---	---

# 302.

#### MISCELLANEOUS

Alcolia, in 1-kilo tin tins 5 Basias, vash, hand, agate ware, in nest ned to the state of the st	
Alcolia, in 1-kilo tin tinss of Basins, wash, hand, agate wave, in nest of no Bedpans, agate wave no 6 Bottles, empty, 125 c. c. gross 1 Matches, safety no Matches,	
Basins, wash, hand, agate ware, in nest self-pans, agate ware no bottles, empty, 125 c. c. gross 1 Brooms no 12 Brushes, scrubbing no 12 Buckets, agate ware, 3 in nest nests 2 Buckets, agate yare, 3 in nest nests	8_ 1
neiss nedpans, agate wave no no looked, seempty, 125 c. c. gross. 1  Boxes, ointment, in nest of 3. nests. 48  Brooms no looked, seempty, 125 c. c. gross. 48  Brooms no looked, seempty, 125 c. c. gross. 48  Brooms no looked, seempty, 125 c. c. gross. 48  Brooms no looked, seempty, 125 c. c. gross. 48  Brooms no looked, seempty, 125 c. c. gross. 48  Buchets, safety boxed Measure, glass, graduated, 100 c. c. no Medicine droppers do Medicine glasses no Microscopic (par 311) no Microscopical accessories, case (par. 312) no Nordar and pestle, porcelain, small no Needles, common paper (littus, potential, for detached service (par. 305) no looked, and seempty notifit, large size (par. 301) no looked, seempty no looked, no l	
Bottles, einpty, 125 c, c, gross. 1 Brooms	0_ 20
Boves, ointment, in nest of 3. nests. 48 Brooms	0_ 20
Boves, ointment, in nest of 3. nests. 48 Brooms	8. 48
Brooms no. 12 Brushes, scrubbing no. 12 Buckets, agale ware, 3 in nest nests 2 Buckets, gale ware, 3 in microscopical accessories, case (par. 312) Buckets, gale ware, 3 in microscopical accessories, case (par. 312) Buckets, gale ware, 3 in microscopical accessories, case (par. 312) Buckets, gale ware, 3 in microscopical accessories, case (par. 312) Buckets, galeware, 3 in microscopical accessories, case (par. 312) Buckets, galeware, 3 in microscopical accessories, case (par. 312) Buckets, galeware, 3 in microscopical accessories, case (par. 312) Buckets, galeware, accessories, case (par. 312) Buckets, galeware, accessories, case (par. 312) Buckets, galeware, accessories	0_ 4
Brushes, scrubbing no. 12 Buckets, galvanized iron no. Calcium carbide, for acctylene generator, size No. 14. Buckets, galvanized iron no. Class and the service of the service (pur. 305) no. 10 Chest, commode (par. 300) no. 10 Chest, medical, regimental (par. 304(a))  Brushes, scrubbing medical and surgical, for detached service (pur. 305) no. 10 Chest, commode (par. 300) no. 10 Chest, medical, regimental (par. 304(a))  Brushes, scrubbing medical generator and lighting outfil, large size (par. 301) no. 10 Chest, medical, regimental (par. 304(a))  Brushes, scrubbing medicine glasses no. 10 Microscopical accessories, case (par. 311) no. 10 Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses no. 10 Microscopical accessories, case (par. 312) Sava because in the dictine glasses in the dictine glasses in the dictine glasses in the dictine glasses in th	
Buckets, galae vare, 3 in nestnests_ 2 Buckets, galvanized ironno_ Calcium carbide, for acetylene generator, size No. 14	0_ 12
Calcium carbide, for acetylene generator, size No. 14.  Landlesticks, metal, folding, sets of 2. sets. Chest, combined medical and surgical, for detached service (par. 305). Chest, occeptene generator and lighting outfit, large size (par. 301). Chest, commode (par. 301). Chest, food (par 292). Chest, food (par 292). Chest, medical, regimental (par. 304).  No. 1 Soap bozes, metal, small.  Save bozes, metal, small.  Basel Mortar and pestle, porcelain, small.  Paper, litmus. Dead Paper, wrapping, brown.  Quelli the, hard rubber.  Rauge, field, 100 men (par. 314).  Soap bozes, metal, small.  Soap bozes, metal, small.	0_ 1
Calcium carbide, for acetylene generator, size No. 14.  Libs   Bar   Bar	
erator, size No. 14. bs. 80  Mordar and pestle, porcelain, small _ n. Needles, common _ papet  Chest, combined medical and surgical, for detached service (pur. 305) _ no _ no _ leading outfit, large size (par. 301) _ no _ least, commode (par. 300) _ no _ least, pool (par. 212) _ no _ least, medical, regimental (par. 304(a)) _ no _ least, medical, small _ no _ least, medical, medical, small _ no _ least, medical, small _ no _ least, medical, small _ no _ least, medical, medical, small _ no _ least, medical, medical, small _ no _ least, medical, medic	0_ 1
Candlesticks, metal, folding, sets of 2. sets.  Chest, combined medical and sirgical, for detached service (par. 305) no. Chest, acetylene generator and lighting outfit, large size (par. 301) no. Chest, commode (par. 301) no. Chest, food (par 292) no. Chest, medical, regimental (par. 304) no. Saw, hand, small no. Sown boxes, metal, small no.	0_ 2
Chest, combined medical and surgical, for detached service (par. 305)no1  Chest, acetylene generator and lighting outfit, large size (par. 301)no1  Chest, commode (par. 300)no1  Chest, food (par. 202)no1  Chest, medical, regimental (par. 304(a))no1  Saw, bases, medical, smallno	8_ 6
for detached service (pur. 305) _ no .  Chest, acetylene generator and lighting outfil, large size (par. 301) _ no .  Chest, commode (pur. 300) _ no .  Chest, medical, regimental (pur. 304(a)) _ no .  Chest, medical, regimental (pur. 304(a)) _ no .  Saw, hand, small _ no .	8_ 2
Chest, acetylene generator and lighting outfit, large size (par. 301)         no - 1         Paper, wrapping, brown - qrother, and provided the provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother, wrapping, brown - qrother, and provided that is a constant.         qrother,	
outfit, large size (par. 301)       no.       1       Pencils, camel's-hair       do         Chest, commode (par. 300)       no.       4       Pill tile, hard rubber       n       1         Range, field, 100 men (par. 314)       n       sax, hand, small       sax, hand, small       n         Sax, baxes, hand, small       n       sax, hand, small       n	
Chests, commode (par. 300)   no	Z_ 1
Chest, food (par 292)	
Chest, medical, regimental (par. 304(a))   Saw, hand, small n	
no 1   Soap boxes, metal, smalln	0 1
	0 2
Chest, mess, large size, 100 patients   Spatulas, smalln	
(par. 313) no 1 Spoons, tean	
Chest, sterilizer, regimental (par.   Stove, coal-oil, blue-flame, smallu	
304 (c) ) no. 1 Surgical dressings, in wooden pack-	
30h (c) ) no 1 Surgical dressings, in wooden pack- Chest, surgical, regimental(par. 30h(b)) ing box (par. 304 (d) ) n	
no. 1 Syringes, penis, glass, in case	
Corks, assorted, in bags of 12 dozeh_doz_ 24   Syringes, rubber, hot-water bag and	
Corkscrewsno_ 3 fountain syringe combinedn	
Crutches pairs 6 Tape measure n	
Crutches, rubber tips forno 12 Test tubes, in nests of 3n	
Cups, spit, paper doz 6 Thermometer, bath n	
Cups, tin, nests of 2nests 6 Thread, cottonspool	
Cushions, rubber, smallno_ 2 Twine, brown, finekilo	8 1
Cushions, rubber, with open centerno_ 2 Urinals, agate waren	0 3
Desk, field (par, 294)n Urinometersn	
Dippers 6 Washers, rubber, extra, for tin con-	
Envelopes for pills and tablets, 5 x 6   containers in field medical and sur-	
cmdoz_120 gical chests, assortedgros	
Eye shades no 6 Water sterilizer, Forbes, in chest (por	
Filter, Maiguen (par. 304 (e)) 1 315)	line
Hatchels no 6 Vials, 30 c, c	
Labels for vialsgross_ 5	LsoL
ENOCIO IOI INIO	dos-

#### 303. SURGICAL INSTRUMENTS, APPLIANCES, AND DRESSINGS.

Apparatus, X-ray (pars. 271, 308)no_ 1	Ligature, silk, braided, sterilized, 3
	sizes, in envelopesno_3
	Ligature, silkworm gut, coils of 50
Bandages, gauze, roller, sterilized, in	coils_
protective covering, 144 in box, 3	Ligature, silvermeters_
sizesgross_ 36 Bandages, plaster, 3-in., in individual	Muslin, unbleachedmeters_
	Needles, surgical, assorteddoz_
packets6	Pins, common, assortedpapers_
Bandages, rubber, 4 metersno_ 4	Pins, safety, 3 sizesdoz_
Bandages, suspensoryno_ 48	Plaster, adhesive, on spools, 2½-cm_no_
Bongies, flexible, assorted sizesno_ 6	Plaster, adhesive, on spools, 5-cm_no_
Brushes, hand, scrubdoz_ 2	Plaster of paris, in 2-kilo tintins_
	Plaster, isinglass, in 1-meter rolls
hospital stewardsno_ 3	meters_
Case, field operating (par. 306), 1 for	Pouch, for rubber glovesno
each medical officer.	Pouches, Hospital Corps, (par. 309) as
Case, forceps, hæmostatic (par. 261)_no_; 1	requiredno Pouches, orderly (par. 310) as required
Case, general operating (par. 259), 1 in each surgical chest.	Pouches, orderly (par. 310) as required
Case, pocket (par. 260)no_ 3	Rubber sheeting or linitemeters_
Catheters, flexible, assorted sizesno_ 6	Silk, oiled, in 5-meter rollsmeters
Cots, finger, rubberdoz_ 2	Soap, germicidalcakes
Cotton, absorbent, sterilized, in 30-	Soap, green, in 250-gm. compressible
gni, packageskilos 25	tubestubes_
First-aid packets, as requiredno_	Splints, coaptationsets_
Fracture box, foldingno_ 2	Splints, Hodgen'sno_
Gauze, iodoform, in packages, pieces	Splints, wire gauze formeters_
1/2 meter eachpkgs_200	
Gauze, plain, sterilized, 1 meter, in two	Splints, wood, veneerdoz_! Sponges, compressed, gauze, 4 dozen
1/2-meter lengths, in one package	Syringes, hypodermicboxes_
pkgs_500	
Gauze, sublimated, 1 meter, in two	Syringes, hypodermic, extra needles
1/2-meter lengths, in one package	fordoz_
pkgs_;500	Tags, diagnosisbooks_
Glores, rubber, sizes $8$ , $8\frac{1}{2}$ , $9_{}$ pairs $= 8$	Thermometers, clinicalno_
Ligature, catgut, sterilized, 3 sizes, in	Tourniquet and bandage, rubberno_
envelopes300	Trusses, singleno_
Ligature, horsehair, coils of 100coils 6	Tubes, drainage, rubber, Nos. 1, 2,
	and 3, of each, metersmeter_

# 304. REGIMENTAL MEDICAL AND SUBCICAL OUTFIT.

This outfit consists of United States Army regimental medical chest, United States Army regimental surgical chest, United States Army regimental sterilizer chest, box of surgical dressings and Maignen filter.

(a) Contents of U. S. Army Regi-	Ammoniæ spiritus aromaticus, in 250
mental Medical Chest.	c. c. bottlebott_
	Alcolia burners, fille lno_
(In brass-bound oaken chest, with pad-	Amyl nitris, pearls, I dozen in box_box_ 1
lock and two keys, in canvas cover and	Argenti nitras, 15 cones, each 2 gms.,
hinged crate.)	in waxed paper, in tintin_ l
,	Atomizer, handno.
Acidum nitricum, in 30 c.c. bottle in	Bag for towels, etcno_ 1
wooden casebott_ 1	Bags, rubber, hot-water and syringe_no_ 2
Acidum sulphuricum aromaticum, in	Blank bookno_ l
250 c. c. bottlebott_ 1	Bottles, 250 c. c 5
Ætheris spiritus nitrosi, in 250 c. c.	Boxes, ointment, nests of 3 nests. 8
bottlebott_ 1	Corkscrew no. 1

#### REGIMENTAL MEDICAL AND SURGICAL OUTFIT-Continued.

Contents of U. S. Army Regimen- tal Medical Chest—Cont'd.	
Corks, extra for 250 c. c. bottleno_	6
Corks for vials, in bagno_	48
Cups, tinno_ Envelopes for tabletsno	2
Envelopes for tabletsno_	500
Emphasirum beilidonnis, 4-meter	1
tin tin- Emplastrum cantharidis, 1-meter tin tin-	1
Emplastrum sinapis, 8-meter tintin_	1
Graduate, with cardboard coverno_Glycerinum, in 250 c. c. bottlebott_	1
Glycerinum, in 250 c. c. bottlebott_	50
Labels for vialsno_ Magnesii sulphas in 1,500 c, c, tin_tins_	2
Modicine deepper	6
Medicine droppersno_ Medicine glass in leather caseno_	1
Mostan and mostle	1
Mortar and pessle no- Oleum terebinthine, in 250 c. c. bottle bott Paper, litmus book	1
bottlebott_	1
Paper, litmusbook_	1
Pencils camel's-hairno_	12
Pencils, lead no	2
Pencils camel's-hair no- Pencils, lead no- Petrolatum, 350 gms. in 350 c. e.	100
tintin	1
Pill tileno_	1
Pill tileno_ Potassii et sodii tartras, in 1,500 c. c.	
tintin_	1
Spatulano_	1
Stethoscope, doubleno_	1
Stomach tubesno_	2
Stomach tubes no- Syringes, hypodermic, with 6 tubes, tablets, 2 needles, and 1 bundle	
wires for needlesno_	2
wires for needles no. Syringe, hypodermic, extra needles and washers for no.	12
Syringes, p. glass in wooden casesno_	6
Syringe, rectal, hard rubberno_	1
Acidum arsenosum 1-mgm., 875 in	
	1
80 c. c. tintin_ Aeidum boricum, 324-mgm., 350 in	- 3
150 c, c, tintin_	1
Acidum tannicum, 324-mgm., 350	
in 150 c. c. tintin_ Ammonii chloridi trochisci, 350 in	1
350 c. c. tintin_	1
350 c. c. tintin_ Antipyrinum, 324-mgm., 350 in 150	-
c. c. tintin_	1
Antiseptic, 350 in 350 c. c. tintin_	1
Bismuthi subgallas, 324-mgm., 725	
in 350 c. c. tintin_ Bismuthi subnitras, 324-mgm., 725	1
in 350 c c tin	1
in 350 c. c. tintin_ Caffeina citrata, 65-mgm., 875 in	-
80 c. c. tintin_ Chloral, 324-mgm, in amber-colored	1
Chloral, 324-mgm, in amber-colored	
Codeina, 32-mgm., 875 in 80 c. c.	1
	1
Colchicum ext, fld., 0,065 e. c., 875	1
in 80 c. c. tintin_	1
III OU C. C. Ullmannennennenn Ull-	

Cupri arsenis, 0.325-mgm., 875 in	1
80 c. c. tintin_ Digitalis tinctura, 0.3 c. c., 875 in	
	1
Glycyrrhizæ mistura composita, 2,000 in 150 c. c. tintin_	1
Guaiacolis carbonas, 324-mgm., 150 in 80 c. c. tintin_	1
Hydrargyri chloridum mite, 32-	
mgm., 2,000 in 150 c, c. amber- colored glass bottlebott_	1
Hydrargyri iodidum flavum, 10-	
mgm., 2,000 in 150 c. c. tintin_	1
Hypodermic, apomorphinæ hydro- chloras, 6-mgmtubes_	3
Hypodermic, atropinæ sulphas, 0.65-mgm tubes- Hypodermic, cocainæ hydrochloras,	-
Hypodermic, cocainæ hydrochloras,	
10-mgmtubes_ Hypodermic, digitalinum, 1-mgm.	7
Hypodermic, digitalinum, 1-mgm. tubes.	10
Hypodermic, hyoscinse hydrobro-	
mas, 0.65-mgmtubes_ Hypodermic, morphinæ sulphas,	3
8-mgm tubes_ Hypodermic, nitroglycerinum, 0.65-	40
Hypodermic, nitroglycerinum, 0.65- mgmtubes_	8
Hypodermic, quininæ hydrochlo- rosulphas, 32-mgmtubes_ Hypodermic, strychninæ sulphas,	
rosulphas, 32-mgmtubes_	10
1-mgmtubes_	22
Ipecacuanhae et opii pulvis, 324- mgm., 725 in 350 c. c. tintin_	1
Linimentum rubefaciens, 200 in 150	16
e. e. tintin_ Oleum tiglii, 875 in 80 c. c. tintin_	1
Opii tinctura camphorata, 1 tab-	
let = 4 c, c., 565 in 150 c, c, tin_tin_ Phenacetinum, 324-mgm., 725 in	1
350 c. c. tintin_	1
350 c. c. tintin_ Pilulæ aloini compositæ, 875 in 80 c. c. tintin_	1
c, c, tintin_ Pilulæ camphoræ et opii, 725 in 350	
c. c. tintin_ Pilube carminative, 565 in 150 c. c.	1
tin tin	1
Pilulæ catharticæ compositæ, 1,200	1
in 350 c. c. tintin_ Pilule copaible composite, 725 in	1.
350 c. c. tintin_ Plumbi acetas, 130-mgm., 875 in 80	1
e, e, tintin_	1
e, e, tintin_ Podophylii resina, 16-mgm., 875 in	
80 c. c. tin tin- Potassii bicarbonas, 324-mgm.,	
1,200 in 350 c. c. tintin_ Potassii iodidum, 324-mgm.; 1,200	1
in 350 e e tin tin	1
Pataggii normanganag 394-mgm	-
565 in 150 c. c. tintin_ Quininæ sulphas, 200-mgm., 725 in	1
350 c, c, tintins_	3

#### REGIMENTAL MEDICAL AND SURGICAL OUTFIT-Continued.

Contents of U. S. Army Regimen- tal Medical Chest—Cont'd.	Corks, extra, for 250 and 750 c. c. bottlesno 12
	Cotton, absorbent, in 30-gm. package,
Rhamni purshianæ ext., 130-mgm., 875 in 80 c. c. tintin_ 1	pkgs_ 8
Salol, 324-mgm., 350 in 150 c. c.	Cups, tinno_2 Gauze, sublimated, two ½ meter
amber-colored glass bottlebott_ 1	tengtus in packagepkgs_ 12
Sodii bicarbonas, 65-mgm., 2,000	Inhaler, chloroform, Esmarch'sno_ 1
in 150 c. c. tintin_ 1	Iodoform sprinkler, filled 1
Sodii bicarbonas et menth, plp., 565 in 150 c. c. tintin_ 1	Ligature, catgut, 3 sizes, sterilized,
565 in 150 c. c. tintin_ 1 Sodii bromidum, 324-mgm., 1,200	in envelopesno_100 Ligature, silk, 3 sizes, sterilized, in
in 350 c. c. tintin 1	envelopesno_ 80
Sodii salicylas, 324-mgm., 725 in	Matches, safetyboxes_ 6
350 c. c. tintin_ 1	Needles, common, assortedpaper_ 1
Sulphonal, 324-mgm., 725 in 350	Pencils, lead6
c. c. tin.	Petrolatum, in 350 c. c. tintins_ 2
Warburg's tincture, 1 tablet = 4	Pins, commonpapers_ 2
c. c., 350 in 150 c. c. tintin_ 1	Pins, safetycards_ 8
Zinci sulphas, 324-mgm., 240 in 80	Plaster, adhesive, 2½ cm. by 10 metersspools_ 6
C, C, tin1 Tape measure1	Plaster, isinglass, in 1-meter roll_roll_1
Teaspoonno_  1	Razor
Test tubes, in nests of 4nests_ 2	Razor stropno_ 1
Thermometer, bathno_ 1	Shearsno. 1
Thermometers, clinicalno_  4	Speculum, rectalno_ 1
Tins, enameledno_ 52	Sponge holders, throat 2
Tongue depressor1	Syringe, hypodermic, with 6 tubes tablets, 2 needles, and 1 bundle
Towels, handno_ 6 Trusses, single, either sideno_ 3	wires for needlesno_ 1
Vials, empty, 30 c. cno. 18	Syringe, hypodermic, extra needles and
Vials, empty, 60 c. cno_ 12	washers forno_  12
Washers, rubber, extra for tins, in	Surgery, Zuckerkandlcopy_ 1
round tinno_ 52	Tablets:
	Antiseptic, 350 in 350 c. c. tintin_ 1
(b) Contents of U. S. Army Regi-	Hypodermic, apomorphinæ hydro- chloras, 6-mgmtubes_ 3
mental Surgical Chest.	Ilypodermic, atropinæ sulphas,
(In brass-bound oaken chest, with pad-	0.65-mgmtubes_ 5
lock and two keys, in canvas cover and	Hypodermic, cocainæ hydrochloras,
hinged crate.)	10-mgmtubes_ 7
•	Hypodermic, digitalinum, 1-mgm.,
Alcohol, in 750 c. c. bottlebotts_ 2	tubes. 8
Alcolia, burners, filledno_ 6	Hypodermic, morphine sulphas, 8-mgm tubes 30
Aspirator (the rubber stopper fits the 750 c. c. bottle)	8-mgmtubes_ 30 Hypodermic, nitroglycerinum,
750 c. c. bottle)no_ 1 Bag for torrels, etcno_ 1	0.65-mgmtubes_ 7
Bags, rubber, hot-water and syringeno_ 2	Hypodermic, quininæ hydrochloro-
Bandages, gauze, $2\frac{1}{2}$ , 3, and $3\frac{1}{2}$ in.,	sulphas, 32-mgmtubes_ 5
11 in left bottomno_ 54	Hypodermic, strychninæ sulphas,
Bandages, rubberno_  2	1-mgmtubes_ 15
Blank book no 1	Saline solution, normal, 350 in 350
Blank book	c. c. tintin_ 1 Sodii carbonas, in 350 c. c. tiutin_ 1
Bongies, in flat tin 6	Tags, diagnosisbooks_ 4
Brandy, in 750 c. c. bottlebotts. 2	Thermometers, clinicalno_ 4
Case, general operating, with strap	Thread, cottonspool_  1
(par, 259) no. 1	Tins, enameled 6
Case, pocket, with corer ( par. 260)no_ 1	Towniquets, rubber, strap and chain_no_ 2 Towels, hand
*Case, tooth extractingno 1	10, 1
Catheters, soft rubber, sizes 3 to 8, in- clusive, in flat tin 6	Tubes, drainage, 2 sizes, in flat tin, pieces.
Chloroform, in 250 c. c. bottlebotts 8	Washers, extra, for tins, in flat tin_no_5
Corkscrewno_ 1	Wire, silvercoil_ 1
	·

<sup>\*</sup>Six dental forceps and one elevator in chamois-lined canvas or leather case.

#### REGIMENTAL MEDICAL AND SURGICAL OUTFIT-Continued.

(c) Contents of U. S. Army Regimental Sterilizer Chest.		(d) Surgical Dressings.
(In brass-bound oaken chest, with pad-		(Contained in wooden packing box with hinged lid.)
lock and two keys, in cannas cover and		with magest nat.)
hinged crate,)		Bandages, gauze, sterilized, 3-in., in
		protective coverings, each 6 meters,
Acidum carbolicum, in 250 c. c. bot-		no_1
tlebotts_	2	Bandages, gauze, sterilized, 21/4-in.,
Alcolia, in 1-kilo tintins_	2	in protective coverings, each 6
Alcolia burners, filledno_	6	metersno_1
Aprons, rubberno_	3	Bandages, plaster, in protective cover-
Bands, rubberno_		ings
Basins, rubberno_	4	Cotton, absorbent, sterilized, in
Brushes, hand, scrubno_	6	30-gm, sealed packetspackets_
Corks, for 250 c. c. bottles, in bag_no_	6	Gauze, absorbent, sterilized, 1-meter,
Cots, fingerno_	16	in two 1/2-meter lengths, in one
Filter, Berkefeld, with stirrup, intake		packetpackets_1
tube, wrench, directions, extra wash-		Gauze, absorbent, sublimated, steril-
ers and extra cylinderno_	1	ized, 1-meter, in two 1/2-meter
Gloves, rubber, sizes 8 and 9pairs_	4	lengths, in one packetpackets_
Matches, safetyboxes_	6	Gauze, iodoform, sterilized, in
Plaster of paris, in 1,500 c, c,tin_tins_	2	1/2-meter packetspackets_
Ponch for gloves, etcno_	2	Sponges, compressed, gauze, 48 in
Soap, green, in 250-gm. compressible		boxboxes_
tubetubes_	2	
Soap, germicidalcakes_	5	(e) Maignen Filter.
Soap box, with soapno_	1	
Splints, wire ganzepieces_	12	The parts of this filter, which pack
Splints, woodpieces_	10	within the larger water can, consist of:
Sterilizerno_	1	Cage, for filtering organno_
Tags, diagnosisbooks_	4	Can, water, innerno_
Tins, enameledno_	3	Can, water, outerno_
Tool, universalno_	1	Cord, window-sashmeters_
Towels, hand, 12 under trayno_	24	Directions, printedno_
Trays, instrument, white enamel, nested,	100	Filtering organno_
no.	2	Screenno_
Tricresol, in 250 c. c. bottlebotts_		Stopcock, tinno_
Washers, rubber, extra for tinsno-	8	Tubing, rubbermeter_

# 305. CONTENTS OF U. S. ARMY MEDICAL AND SURGICAL CHEST FOR DETACHED SERVICE.

(In brass-bound oaken chest, with padlock and two keys, in canvas cover with hinged crate.)

This chest is for issue to a battalion or smaller organization for field use. Each regiment in the field will ordinarily be issued two of these chests, in addition to the regimental set of medical, surgical, and sterilizing chests, box of surgical dressings and Maignen filter, listed under the preceding paragraph.

111 11 11 11 11 11 11 11 11 11 11 11 11	12.
Acidum carbolicum, cryst, in 350 c.	Bandages, plaster of paris 6
c. tintin_	1 Bandage, rubber1
Aprons, rubber, in bagno_	2 Basins, rubber, in bagno_ 2
Bands, rubber, in pouchno. 1	6 Blank book 10_ 1
Rag, rubber, hot-water and syringe	Boxes, ointment, wooden, in nests
combinedno_	1 of 3
Bag for towels, etcno_	1 Brushes, hand, scrub6
Bandages, gauze, 21/2, 3, and 31/2 in.,	Case, pocket, with cover (par. 260)10_ \
	15

#### CONTENTS OF U. S. ARMY MEDICAL AND SURGICAL CHEST FOR DETACHED SERVICE—Continued.

Catheters, soft rubber, sizes 4, 5, and		Tablets:	
6, in tinno_	3	Antiseptic, 350 in 350 c. c. tin_tin_	
Chloroform, in 115 c. c. bottlebotts_	3	Bismuthi subgallas, 324-mgm.,	l
Cots, finger, rubber, in pouchno_	8 .	725 in 350 c, c, tintin_	1
Cotton, absorbent, 30-gm. pack-	- 1	Bismuthi subnitras, 324-mgm.,	ı
ngespkgs_	26	725 in 350 c. c. tintin_	,
Cup, tiuno_	ĩ	Glycyrrhize mistura composita,	i
Envelopes for tabletsno_	150	2,000 in 150 c. c. tintin_	
Forceps, hæmostatic, in case, set	•	Hydrargyri chloridum mite, 32-	ı
of 6set_	1.	mgm., 2,000 in 150 c. c. amber-	l
Forceme touth artification in own set	• 1	colored glass bottlebott_	
Forceps, tooth extracting, in case, set of \$set_ Gauze, iodoform, ½-meter pack- agepkgs.	1 '	Hypodermic, apomorphinæ hy-	i .
Cango indeferm 1/ mater mak			3
and place	14	drochloras, 6-mgmtubes_	"
agepkgs_	14	Hypodermic, atropinæ sulphas,	۱۱
Gauze, sublimated, 1-meter, in two		0.65-mgmtubes_	. 'I
½-meter lengths, in one pack-	05	Hypodermic, cocainse hydro-	-1
agepkgs_	35	chloras, 10-mgmtubes_	. 4
Gloves, rubber, in pouch, in bag_pairs_	2	Hypodermic, digitalinum,	۔.ا۔
Inhaler, chloroform, Esmarch'sno_	1	1-ingintubes_	101.5
Iodoform sprinkler, filledno_	1,	Hypodermic, morphinæ sulphas,	≟]ي،'
Ligature, catgut, sterilized, in en-		8-mgmtubes_	45
velopesno_ Ligature, silk, sterilized, in envel-	25	Hypodermic, nitroglycerinum,	1 I
Ligature, silk, sterilized, in envel- 👔		0.65-mgmtubes_	8
opesno_'	20	Hypodermic, quininæ hydro-	i I
Magnesii sulphas, 1½ kilos in 1,500 👍	1	chlorosulphas, 32-mgmtubes_	10
c. c. tintin_	1,	Hypodermic, strychninæ sul-	1 1
Medicine glass, in cupno_	1 '	phas, 1-mgmtubes_	27)
Mortar and pertleno_	1 1	Phenacetinum, 324-mgm., 725 in	1
Pencils, leadno_	2	350 c. c. tintin_	
Petrolatum, in 350 c. c. tintins_	2	Pilulæ camphoræ et opii, 875 in	
Pins, commonpaper_	1 -	350 c. c. tintin_	i
Pins, safetycard_	1	Pilulæ carminativæ, 565 in 150	l
Plaster, rubber, adhesive, 21/2 cms.		c. c. tintin_	•
by 10 metersspools_	3 .	Pilulæ catharticæ compositæ,	ł
Plaster, sinapis, 4-meter tintin_	1	1,200 in 350 c. c. tintin_	1
Pouch for gloves, etcno_	i	Pilulæ copaibæ compositæ, 725 in	İ
Razorno	1	350 c. c. tintin_	1
Razor stropno_	i	Potassii bromidum, 324-mgm.,	
Shearsno_	î	1,200 in 350 c. c. tintin_	1
Soap, germicidalcakes_	2	Quinine sulphas, 200-mgm., 725	
Soap box with soapno_	ĩ	in 350 c. c, tintins_	
Soute la	i	Sodii salicylas, 324-mgm., 725 in	
Spatulano_			l
Sponges, cotton, compressed, 4		350 c. c. tintin_	١,
dozen in boxbox_	1	Thermometers, clinicalno_	
Spoon, teano_	1	Tins, enameled, as containersno_	2
Syringe, hypodermic, with 6 tubes		Tongue depressorno_	
of tablets, 2 needles, and 1 bundle		Tourniquet, rubber, strap and chain_no_	١.
wires for needlesno_	1	Towels, hand, in bagno_	
Syringe, hypodermic, extra needles		Tubes, drainage, 2 sizes, in tinno_	
and washers forno_	12	Washers, extra for tius, in tinuo_	10

## 306. CONTENTS OF FIELD OPERATING CASE, SMALL.

(In mahogany case, with fair leather pouch and strap.)

(One for each medical officer.)

Bistoury, curved, probe-pointedno_ 1	Ligature, horsehaircoil_
Bistoury, straight, sharp-pointedno_ 1	Ligature, silkgm_
Satheter, male, platedno_ 1	Ligature, silkworm gutcoil_
thiselno_ 1	Needle, aneurismno_
Director, grooved, with myrtle leafno_ 1	Needle holderno_
Elevator and scoopno_ 1	Needles doz
Forceps, bone, corrugated handles, scooped outno1	Probe, double, with silver and porcelain tip
Forwood's no. 1	Saw, amputating, lifting backno_ Scalpelsno_
forceps, dissecting, monse-toothno_ 1	Scissors, curved on flat, with Collin's
Vorceps, harmostaticno_ 6	lockno_
Tandle for amputating knifeno_ 1 (nife, amputatingno_ 1	Scissors, straight, with Collin's lock_no_

#### 307.

#### GENERAL OPERATING CASE.

(In mahogany case, with leather pouch and sling strap.)

One in each regimental surgical chest, as listed in paragraph 304 (b). For list of contents of this case, see paragraph 259.

#### 308.

#### X-RAY APPARATUS.

(In tron-bound oak chests.)

One outfit, listed in paragraph 271, as authorized by the Chief Surgeon.

# 0ne 309.

#### HOSPITAL CORPS POUCH.

One for each private of the Hospital Corps. For list of contents, see paragraph 272.

#### 210

#### ORDERLY'S POUCH.

One for each medical officer's orderly. For list of contents, see paragraph 273

#### 311.

## MICROSCOPE.

(In cherry-wood case, with handle, lock and two keys.)

One microscope is allowed to each field hospital. For list of contents, see paragraph 275.

### 312. CASE OF MICROSCOPICAL ACCESSORIES FOR FIELD SERVICE.

(In cherry-wood case, with lock and two keys.)

One case to each field hospital.

Alcohol and ether, w. m. bottle for, bott.  Book, memorandum, small, 3½ x 2 x y in. no. Covers, in alcohol, w. m. bottle for, bott. Droppers, medicine, straight no. Envelopes, small, 1½ ins. square no. Forceps, Ehrlich's pairs. Forceps, straight, medium, fine pair. Forceps, straight, medium, heavy pair. Galbett's fluid, bottle for bott. Glasses, cover, circles, ½sin., No. 1, ounce.	1 3 50 2 1	Labels for slides, ½ in. square box Lamp, alcohol no loop, platinum, with handle no loop, platinum, with handle no loop, platinum, with handle no loop loop loop loop loop loop loop l
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# 313. CONTENTS OF MESS CHEST, LARGE.

(In iron-bound wooden chest, four handles, with two hasps and buttons.)

For each field hospital of 108 beds:

Batter whip and mixerno_ 1	Lantern, brassno_ 1
Biscuit cutter, patent rolaryno_ 1	Masher, potatono_ 1
Board, bread 1	Match safe and box, coveredno_ 1
Bowls, extra deep, soup and coffeeno_100	Mill, coffee, steel, largeno_!
Bowls, extrano_' 6	Nails, assorted, boxno_ 1
Cake turner, medium sizeno_ 1	Nutmeg grater, patentno_ 1
Can openers 2	Pitcher, serving, large, agate wareno_ 1
Chopper, large, "Enterprise," meat	Pitcher, serving, small, agate wareno_ 1
and vegetableno_ 1	Plates, deep, agate wareno_ 100
Cleaner and scraper, pot, wireno_ 1	Plates, dinner, bread, extrano_  6
Cleaver, butcher's, largeno_ 1	Platters, meat, largeno_ t
Cookbook, Armyno_ 1	Rope, 6-cmcoil_ 1
Corkscrew and openerno_ 1	Saucers, extrano_ 6
Dipperno_ 1	Saucers, extra deepno_100
Dishes, vegetable and pudding, agate 📗 🐇	Sickleno_ 1
wareno_ 6	Soap box, coveredno_ 1
Dredges, salt and pepper, of eachno_ 6	Spice box and grater cansno_' t
Egg whisk, patentno_ 1	Spoons, servingno_ 4
"Emergency diet for the sick," Munson,	Spoons, triple-platedno_;100
copy_ 1	Squeezer, lemon, patentno_ 1
Forks, servingno_ 4	Steel, butcher's, largeno_ 1
Forks, steel, triple-platedno_100	Tea steeperno_  1
Hatchet, claw, extra-fine gradeno_ 1	Tea strainerno_ 1
Knife, butcher'sno_ 1	Towels, dishno_' 12
Knife and saw, combinationno_ 1	Trays, serving, largeno_ 6
Knives, steel, triple-platedno_ 100	Wire, annealed, largecoil_ 1
Ladle, soup, for servingno_ 1	Wire cutter and pliersno_ 1

# 314.

#### FIELD RANGE, LARGE.\*

Outfitted to meet the needs of 100 patients. The cooking utensils packed in this range, and those contained in the mess chest, large, listed in paragraph 313, are intended to supplement each other.

Range and Special Parts.	Boilers, covers for 3
	Colanderno_ 1
Bar, iron, as fastener and pokerno_'	1   Dipperno_ 1
Grate, deepno.	1 Dredges, salt and pepper, of eachno_! 2
Lids, range, doubleno_	0 FOIK, HENR10 1
Lifter, store-lidno.	1 + Knife, butcher'sno_ 1
Pipe, store, collars forno_	2 Ladles, medium sizeno_ 2
Pipe, store, elbow forno_!	
Pipe, store, jointsno_	4 tain 1 dozen boxes of matchesno_ 1
Range, field, as containerno_	1 Pans, baking, square, large, nest of 2_nest _ 1
Shelf, iron, for ovenno.	1 Pot-cleanerno.! 1
Shovel, fireno_	1 Saw, meatno. 1
**	Siere, flourno_ 1
Utensils.	Skimmer, mediumno_ 1
O tensiis.	
	Spoons, bastingno_ 2
Ax, camp, short handle \ino_	1 Steamer, tin, square, large, in nest of
Boilers, tin, square, large, with covers,	boilers, with cover no. 1
nest of 3nest	1
new of o	ı

<sup>\*</sup>Supplied by the Quartermaster's Department.

#### 315.

#### FORBES' WATER STERILIZING OUTFIT.\*

(Packed in iron-bound wooden chest.)

The sterilizer, complete, is made up of the following parts:

Parts.	Burner cleaner, steelno_
and the second s	Burner, mineral-oil, brassno_
Burner, mineral oilno_ 1	Burner ring, brassno_
Float boxno_ 1	Needle, holder for, nipple-cleaning,
Guy rodsno_ 4	brassno_
Heater, waterno_ 1	Needles, nipple-cleaning, steelno_ 1
Heat-exchange cylinderno_ 1	Nipples, burner, brassno_
Inlet, raw-waterpo_ 1	Pincers, steelno_
Outlet, sterile-waterno_ 1	Plugs, burner, brassno_
Pump, airno_ 1	Pump cups, leatherno_
Reservoir, mineral-oilno_ 1	Tubing, rubber, red, 76-in., in 2-
Tube, air-pump, 3-in., 3-ply, red	foot piecepieces_
rubberpiece_ 1	
Tubing, rubber, red, 1/2-in., 3-ply,	Washers, asbestosno_ :
6-foot lengthpiece_ 1	
Vent for vaporno_ 1	Wick, asbestos, 12-inno_
Extra Parts.	Wire, copper, No. 16, 2-ins, long_pieces_
Extra Parts.	
	Wrench, combination, ironno_
Brush, cleaningno_ 1	Wrench, plug and nipple, steelno_

<sup>\*</sup>Supplied by the Quartermaster's Department.

# 316. ALLOWANCE OF TENTAGE, TRANSPORTATION AND SUPPLIES FOR THE FIELD HOSPITAL, FURNISHED BY THE QUARTER-MASTER'S DEPARTMENT.\*

Imbulance guidons, on lance staff, as		Pickaxesno_	2
markersno_	6	Pickax helvesno_	4
x helvesno_	24	Pins, tent, largeno_	1000
licesno_	12	Pins, tent, smallno_	800
Colors, camp, on lance staffno_	6	Shovels, long handleno_	3
Field range, large (see par. 314)no_	1	Spades110_	3
Plag, Red Cross, with 50-ft. halyards_no_	1	Stoves, tentno_	20
Flag, National colors, storm, with 50-		Stores, tent, lengths of pipe forno_	120
foot halyardsno_	1	Straw, for bedsacks, as required (see	
Forbes' water sterilizing outfit (see par.		par. 1161, A. R.).	
315)no_	1	Tents, common, wall, completeno_	2
Tarness, double, pole and lead sets, of		Tents, hospital, Munson or old pattern,	
eachsets_		complete, 18 for ward tents, I for dis-	
Mantsno_	12	pensary, 1 for operating tent, 1 for	
Mounts, for Hospital Corps, one for		store tentno_	21
each noncommissioned officer and		Thimbles, for stocepipe, asbestos or	
one for each medical officer's		metalno_	23
orderly (par. 1617, A. R.).		Wagons, 4-horse, complete, for trans-	
oil, illuminating, one month's allow-		porting hospital, including with each	
ancegallons_	30	1 sheet and 6 bowsno_	

<sup>\*</sup>Tentage, stoves, etc., for Hospital Corps are not included in this list. Common tents are issued in the proportion of one tent for each hospital steward, one tent for each two acting hospital stewards, and one tent for each three privates. Conical wall tents are issued in the proportion of one tent to each seventeen privates of the Hospital Corps. Stoves are issued in the proportion of one to each conical wall tent.

#### 317. ARTICLES ISSUED BY THE ORDNANCE DEPARTMENT.

The personal equipment of the men of the Hospital Corps, and, where mounted, the horse equipments. For list of the former, see paragraph 287; for list of the latter, see paragraph 336.

#### FIELD SUPPLY TABLE.

#### REGIMENTAL HOSPITAL.

318. The following are the allowances of expendable medical and surgical supplies for a regimental hospital of six beds for three months:

Case, bedding, reserve supply (par. | Chest, furniture (par, 296), 1 for each

# 319. FIELD CHESTS, CASES, AND CONTAINERS.

# 321. RESERVE OF BEDDING AND CLOTHING ADDITIONAL TO THAT LISTED IN PAR. 296, CARRIED IN CANVAS BEDDING CASE.

Blankets, rubberno_   1   Pillowcasesno_   12	Shirts, cotton
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# 322. CONTENTS OF ACETYLENE ILLUMINATING OUTFIT CHEST, SMALL.

(In brass-bound chest, with hasp and button.)

Packed in Corners of Chest.	Drier and filter, acetylene gasno_ Felt, extra, for drier and filter_pieces_
Canisters, three-cornered, for calcium carbideno_	Fixture and burner, ward, L-shaped_no_ Fixture and cluster of 4 burners, oper-
Coiled on Top of Generator,	funnel, metal, for charging carbide- feed magazineno
Tube, distributing, rubber, 3/8-in_feet_ 5	Gas bell 10 10 Heat deflector, for operating-light fix-
Packed inside Acetylene Generator.	ture no no Pincers, gus fitters' no
Bucket, water, with bailno Burner tips, acetylene, extra, 1/2-foot,	
	Pipe, distributing, metal, 3-way, with
partsno_	stopcock and tube clipsno_ Reflector, metalno_
	Reflector support, with tube clipno_ Washers, extrano_
Diaphragm, rubber, extrano_ Drop pipe, screw, metal, for operating-	Water container, outside, with clips_no_ White lead, in compressible tube_tube_
cluster fixtureno.	i in more read, in compression tube tende

#### 323.

# CONTENTS OF MESS CHEST, SMALL.

(In iron-bound wooden chest, with four handles, two hasps, and buttons.)

Outfitted for 25 patients and containing the following articles:

Batter whip and mixerno_	1	Nails, assortedbox_	1
Bowls, extra, agate wareno_		Opener, canno_	1
Bowls, soup and coffee, agate wareno_		Pitcher, agate ware, serving, largeno_	1
Box, covered, soapno_		Pitcher, agate ware, serving, smallno_	1
Box, covered, match safeno_		Platters, meatno_	-4
Bread boardno_	1	Plates, deep, agate wareno_	25
Chopper, meat and regetableno_		Plates, extra, bread, agate wareno_	4
Cleaver, butcher'sno_		Potato masherno_	1
Cookbook, Armyno_		Rope, 6-cmcoil_	i
Corkscrew and openerno_		Salt and pepper dredges, of eachno_	1
Cutter, rotary biscuitno_		Saucers, deep, agate wareno_	25
Dipperno_		Saucers, extra, ugate wareno_	4
Dishes, agate ware, vegetableno_		Spoons, plated, steelno_	25
Egg whisk, patentno_		Spoons, servingno_	4
"Emergency Diet for the Sick," Mnn-	1 3	Spice box and grater, canno_	1
soncopy	1	Squeezer, patent, lemonno_	113
Forks, plated, steelno_	25	Steel, butcher'sno_	1
Forks, servingno_	2	Tea steeperno_	1
Hatchet, clawno_		Tea strainerno_	1
Knife, butcher's, largeno_		Towels, dishno_	8
Knife and saw, combinationno_		Trays, serving	4
Knives, plated, steelno_		Turner, cake, medium sizeno_	1
Ladle, soup, for servingno_	1	Wire, annealedcoil_	i
Lantern, brassno		Wire cutter and pliersno_	1
Mill, coffee, largeno		Wire pot cleaner and scraperno_	i
Nutmeg grater, patent		to and has esemies miss setables =======	

#### 324.

#### FIELD RANGE, SMALL.\*

Outfitted to meet the needs of 25 patients. The cooking utensils packed in this range, and those contained in the mess chest, small, listed in paragraph 323, are intended to supplement each other.

Range and Special Parts.		Boilers, tin, square, large, with covers, nest of 2nest_	1
Grate, flat, in 2 sectionsno_	1	Dipverno_	i
Lid, stoveno_	1	Forks, fleshno_	2
Pipe, stove, collar forno_	1	Knife, butcher'sno_	1
Pipe, stove, elbow forno_	1	Match box, metal, waterproof, to con-	
Pipe, stove, jointsno_	6	tain one dozen boxes of matches_no_	1
Shelf, iron, for ovenno_	2	Pans, baking, square, large, nest of 2,	
• • • • • • • • • • • • • • • • • • • •		nest_	1
Utensils.		Skimmerno_	1
		Spoons, bastingno_	2
Ax, camp, short handleno_	1	Steamer, square, large, with coverno_	1
Boiler, double, tin, with coverno_	1		

<sup>\*</sup>Supplied by the Quartermaster's Department. \*

# 325. ALLOWANCE OF TENTAGE, TRANSPORTATION, AND SUPPLIES FOR THE REGIMENTAL FIELD HOSPITAL, FURNISHED BY THE QUARTERMASTER'S DEPARTMENT.

Ambulance guidons, 28 x 16 ins., on lance staff, as markers	1 6 6 4	Thimbles, for storepipe, asbestos or metalno_	1 1 4 24
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#### 326. ARTICLES ISSUED BY THE ORDNANCE DEPARTMENT.

The personal equipment of the men of the Hospital Corps, and, where mounted, the horse equipments, as required. For list of the former, see paragraph 287; for list of the latter, see paragraph 336,

# FIELD SUPPLY TABLE.

# FOR AMBULANCE COMPANY.

•	^	~	
3	z	7	

#### TRANSPORTATION.

# 328. EQUIPMENT FOR AMBULANCE DRESSING STATION.\*

(Carried in ambulance supply wagon.)

Ax, woodno_		Filter, Maignen (par. 304) (e)no_
Basins, agute ware, 3 in nestnest_	1 '	Kettles, camp, nest of 2nest_
Buckets, agate ware, 3 in nestnest_	1	Manlbo
Case, bedding, containing 12 woolen		
blankets and 6 rubber blanketsno_		Portfolio, waterproof cover (par.
Case, emergency (par. 249), (carried		331)no_
by hospital stewards in the field)_no_	3	Registers, pocket, fieldno_
Chest, commodeno_	1	Surgical dressings, box of (par.
Chest', medical, regimental (par. 304)		330)no_
(a)no_	1	Tables, folding, listed in par. 298no_
Chest, sterilizing, regimental (par.		Tent, hospital, with fly, poles, and pins,
305) (c)no_	1	completeuo_
Chest, surgical, regimental (par. 304)		· ·
(b)no_	1	

<sup>\*</sup>Tents and camp equipage for the members of the ambulance company are not included in this list. Common tents are issued in the proportion of one tent for each two noncommissioned officers and one tent for each three privates. Conical wall tents are issued in the proportion of one tent to each seventeen privates.

#### 329. CONTENTS OF AMBULANCE BOX OF HOSPITAL STORES.

(In metal box, packed in rectangular galvanized-iron boiler with lid, inclosed in iron fire grate, carried under body of ambulance.)

Arrowrootlbs_ Beef, soluble, liquid or extract, in		Malted milk lbs. 2 Matches, safety, in waterproof tin,
100 c. c. containerscontainers_ Brandy, in 500 c. c. bottlebott_		Pepper, black, ground, in dredge
Can openerno_ Chocolate, sweetenedlbs_	1 3	with screw capoz_ 1 Salt, in dredge with screw capozs_ 3
commercial tintins_		Sugar, white, granulatedlbs. 3 Tea, black or greenlb. ½

#### 330. CONTENTS OF AMBULANCE BOX OF SURGICAL DRESSINGS.

(In metal box, packed in rectangular water boiler with lid, inclosed in iron fire grate, carried under body of ambulance.)

Strychnine sulphas, 1-mgm. hypoder- mic tablettubes. 8
PORTFOLIO.

# 332. SPARE PARTS AND ADDITIONAL ARTICLES CARRIED BY EACH

Axle greasepot_ 1	Hospital storesin, metal box (par. 329),
Boilers, galranized iron, with lidno_ 2	box. 1
Bolt, king, extrano_ 1	Lamps, ambulanceno_ 2
Brush, horseuo. 1	Lanterus, extra, 1 white, 1 red, in space
Bucket, galvanized ironno_ 1	under seatno_ 2
Color, campno_ 1	Lantern wicks, extrano_ 6
Comb, curryno_ 1	Link, splitno_ 1
Dressings, surgical, in metal box (par.	Litters, handno_ 4
330)box. 1	Oil, mineral, in space under seattin_ 1
Grates, fire, irouno_ 2	Tanks, waterno_ 2
Guidon, ambulanceno_ 1	Whipno_ 1
Hatchetno_ 1	Wrench, monkeyno_ 1

Note,—In addition to the above, ambulances Nos. 1 and 5 will carry an extra pole and travois.

# 333. SPARE PARTS AND ADDITIONAL ARTICLES CARRIED BY EACH WAGON.

Ax, woodno_	1	Links, open, 1/2 and 1/2 inne	يا اِ
Axle greasepot	1 '	Mauls no	
Bolt, king, extrano_	1 '	Oil, mineraltin	<u>i</u> 1
		Pan, messnc	
Broom, stable no_			
Brush, horse no.	1	Pole, complingnc	. 1
Bucket, galvanized iron no.	1	Rope, 1/2-infeet	
Comb, curryno			
Hatchetno.	1	Tonque, extrano	. 1
Keg, waterno_			
Kettle, campno_			
Lautern	1 .		٦ .

# 334. EXTRA ARTICLES CARRIED IN WAGON No. 1.

## 335. PARTS OF FOUR-MULE WAGON OR AMBULANCE HARNESS.\*

Wheel-team Harness.	Hame strapsno.
3ack straps         no.           3ack-strap tugs         no.           sellphands         no.           sreast straps         no.           3reeching bands         no.	Hip straps
	2 Reiu straps, 8 inches long

<sup>\*</sup>To be obtained from the Quartermaster's Department.

#### 336. HORSE EQUIPMENTS, FOR MOUNTED MEMBERS OF THE HOS-PITAL CORPS.\*

(To secure uniformity of issue, fair or black leather parts should be designated.)

The saddle, complete, consists of the following parts:	The bridle, complete, consists of the following parts:
Coat straps no Girth, or cincha, hair no Girth, or cincha strap, rawhide no Quarter-strap rings no Quarter straps, self-adjusting no no Saddletree, covered with leather, size as required.	Curb strap no no no Reins no 2  Headstall, complete no 2  The watering bridle, complete, consists of the following parts:
Stirrup strapsno	Bit, watering, with maps no_ 1

<sup>\*</sup>To be obtained from the Ordnance Department.

### HORSE EQUIPMENTS, FOR MOUNTED MEMBERS OF THE HOSPITAL CORPS\*—Continued.

The halter, complete, consists of the following parts:		Lariat strupno
Halter headstallno_ Halter strapno_	1	Link, strap and surp hookno_ Nosebayno_ Picket pinno_
Components.		Saddle blunket, cavalryno_ Saddlebags, completepair_ Spurspair_
('urrycombno_ Horse brushno Horse cover, cotton duckno	1	Spur straps pair Surcingle no

<sup>\*</sup>To be obtained from the Ordnance Department.

#### 337.

#### BLACKSMITH'S TOOLS.

The blacksmith's and saddler's tools will, so far as practicable, be carried, each set in a specially prepared chest, in wagon No. 1.

4nvil		Nails, horseshoe, No. 7	10_  50
4prous	no_ 2	Nippers	
Braces, bit, 2 each, ½, ½,	5/8 6	Pincers, paring	no_
Chisel, cold	no_  1	Pritchels	no_
Chisel, splitting	no_ 1	Punch, hand, round, 1/4-in1	30_
Hamp, carriage	no_ 1	Rasps, 16-in	
Coal, blacksmith's	lbs_  300	Ratchet, brace	10_
Intters, clinch		Rope, picketfe	et_ 20
Forge, portable		Saw, crosscut, 26-in	
Hammer, sledge	no_ 1	Shoes, horse, No. 3, front and rear_i	no_ 1
Tammers, hand	no_ 2	Shoes, horse, No. 4, front and rear_i	no_  3
Tammers, shoeing		Shoes, horse, No. 5, front and rear_i	10.
Tardie		Shoes, mule, No. 11	
Ielves, ax, extra		Shoes, mule, No. 2	
Ielves, pickax, extra		Shoes, mule, No. 3	no_ 9
rons, clinching		Shoes, mule, No. 4	
Knifé, drawing		Square, steel	10_
Knives, farrier's		Stone, whet	no.
Vails, horseshoe, Ne. 5		Tongs, assortedpai	rs_!
Vails, horseshoe, No. 6		Vise, blacksmith's	ao_
	1	Wrenches, monkey	

#### 338.

#### SADDLER'S TOOLS.

Leather, narness, side	Arts, stitching, assorted no- Bar, iron, round, \( \frac{1}{2} - \text{in} \) no- Bar, iron, round, \( \frac{1}{2} - \text{in} \) no- Bar, iron, round, \( \frac{1}{2} - \text{in} \) no- Beeswax oz Hames, wagon pairs Hammer, riveting no- Kuife, gauge no- Kuife, shoemaker's no- Leather, bridle, side no-	1 4 10 1 1 1	Nippers, cutting———————————————————————————————————	pair_   1 no.   1 no.   1 ho.   2 ho.   2
1 "	Leather, bridle, sideno. Leather, harness, sideno.	1 1	Wax, showmaker's	oz. 4

#### SUPPLY TABLE FOR CONTRACT DENTAL SURGEONS, UNITED STATES ARMY.

339. The following articles are in greater part contained in the set of contract dental surgeon's chests, intended for both post and field use, viz: Instrument chests Nos. 1 and 2, dental engine chest, chair chest, and field desk, the numbers following the articles in the list of instruments and appliances indicate their sizes and forms, and are taken from the catalogues of the S. S. White Dental Manufacturing Company. The supply of expendable articles in this list is estimated for three months. The names of nonexpendable articles are printed in italics; expendable articles in Roman type.

340.

#### MEDICINES.

3
2
1
1
2
-
3
3
3
4
-
6
- 0

#### 341.

#### INSTRUMENTS AND APPLIANCES.

Amalgam, carrier for, No. 5 double endno_ 1	For handpiece, No. 2, right angle— Continued.
Blower, chip, No. 22no_ 1	Burs, inverted cone, Nos. 331/4, 34,
Broaches, nerve, S. S. White, 6 in	35, 36, 37, 38, 40; of eachno_ 3
packagepkgs_ 6	Burs. oval, Nos. 881/2, 89, 90, 91, 92,
Brush-wheel, wire, engineno_ 1	95; of eachno 3
Burnishers, cone socket points, Nos. 29,	Burs, round, Nos. 1/2, 1, 2, 4, 5, 6,
32, 36, 41; of each no. 1	8; of each 3
For handpiece, No. 2, right angle:	Burs, wheel, Nos. 111/2, 12, 13, 14, 15,
Burs, bud, Nos. 441/2, 46, 47, 49, 50;	17; of eachno_ 3
of eachno_ 3	For handpiece, No. 7:
Burs, dentate, Nos. 557, 558, 559,	Burnishers, smooth, Nos. D, G, K;
560, 568; of eachno_ 4	
Burs, fissure, No. 551/2, 57, 59, 68,	Burs, bud, Nos. 46, 47, 48, 49, 50;
70; of eachno_ 3	of each

#### INSTRUMENTS AND APPLIANCES—Continued.

For handpiece, No. 7—Continued. Burs, cone, Nos. 23, 25, 26, 27, 32; of		Files, flat, 4-inch, smoothno_ Files, separating, flexo, assortedno_	1 24
eachno_ Burs, dentate, Nos. 557, 558, 559, 560,	2	Forceps, right upper molar, horn-beak (No. 20, S. S. W.)no_	1
561, 562, 570, 573; of eachno_	4	Forceps, left upper molar, horn-beak (No. 20, S. S. W.)	1
Burs, fissure, No. 55½, 58, 60; of eachno_	3	Forceps, universal lower molar, horn-	٠.
Burs, inverted cone, Nos. 33½, 34, 36, 37, 39, 40, 43; of eachno_	3	beak (No. 16, S. S. W.)no_ Forceps, rubberdam, clamp, Brewer's,	ı 
Burs, oral, Nos. 88½, 90, 92, 94, 95; of eachno_	3	Forceps, rubberdam, punchno_	1
95; of eachno_ Burs, round, Nos. ½, 1, 2, 3, 4, 5, 6, 7, 8, 9, 11; of eachno_	3	Forceps, tooth-extracting, Nos. 10 H, 11, 15, 27, 32, 52, 103; of eachno_	1
Burs, wheel, Nos. 111/2, 12, 13, 15,	3	Forceps, wedge-cutting, No. 3no_ Gauge, root canalno_	1
16, 17; of eachno_ Burs, plug-finishing, Nos. 200, 232; of eachno_	2	Gutta-percha, heater for, How'sno_ Handles, cone socket, No. 2no_	1 94
Case, office preparation, eight 15 c.c.	- i	Handles, cone socket, No. 3no_:	18
g. s. bottle in polished walnut case, with lock and keyno_	1	Handles, cone socket, No. 5no_ Holder and clamp for dental napkins,	12
Chisels, cone socket points, Nos. 14, 33, 34, 43, 44, 60, 61, 65; of eachno	2	Duddy'sno_ Holder for cottonno_	1
Clamps, rubberdam, Allan's serrated, Nos. 7, 8, 9, 10-11, 12; of eachno_	1	Holder, nerre broach, No. 2no_ Holder, rubberdam, Cogswell, No. 2_no_	1
Cleansers, root canal, Donaldson's, No. 5, 6 in packagepkgs_	6	Hone, oil, Arkansus stone, in wooden boxno	
Corkscrewno_ For handpiece No. 2, right angle:	1	Lancet, abscess, metal handle, No. 5 _no_	1
Irills, Nos. 100, 135; of eachno_	6	Lancet, gum, metal handle, No. 2no_ Mallet, steel, No. 5no_ Mandrel, Nos. 301, 301½, 302, 303,	î
Drills, Gates-Glidden, Nos. 174, 175, 176, 177; of eachno_	6	for handpiece No. 7: of eachno_!	2
For handpiece No. 7: Drills, Gates-Glidden, Nos. 175, 177;		Mandrel, Nos. 303, 307, for right angle handpiece No. 2; of each_no_	3
of eachno Drills, round shank, No. 135no	6 3	Mandrel, No. 319 A, for handpiece No. 7no_	3
Drills, spear point, Nos. 100, 101; of eachno_	6	Mandrel, Morgan-Maxfield, for hand- piece No. 7no_	4
Drills, twist, No. 151no_ Engine, dental "F," S. S. White, with	6	Matrices, 10 in set, Brophy'sset_ Mirror, mouth, magnifying, No. 6	1
No. 7 II. P. and No. 2 S. J. attach-	,	"B," with aluminum handle and	9
mentno_ Engine, dental, duplex springs for	•	2 extra glassesno_! Pliers, cone socket, No. 102no.!	i
Engine, dental, engine cable "A" for,		Pliers, dressing, No. 2no_ Pliers, foil carrier, No. 12no_	1
as required.  Engine, dental, engine cable A, coup-		Pluggers, amalgam, Woodson's, Nos. 1, 2; of eachno_	1
lings foras required_ Engine, dental, engine cable A, ferrules		Pluggers, cone socket points, Butler's, No. 5no_	2
foras required_ Engine, dental, extra cords forno_	3	Pluggers, cone socket points, Varney's, No. 1no_	2
Engine, dental, handpiece for, No. 2, right angle, with slip joint No. 2_no_	1	Pluggers, cone socket points, S. S. White, Nos. 14, 88, 149, 171, 172,	-
Engine, denta!, lubricating oil for, in		188, 219, 220, 254, 284, 290, 301,	
25 c. c. bottlebotts_ Elevators, Nos. 6, 7, 16; of eachno_	5 1	321, 359, 398, 400, 411; of eachno_ Pluggers, plastic, Ladmore's, Nos. 1,	2
Excavators, cone socket points, Nos. 5, 9, 10, 12, 13, 15, 16, 31, 34, 59, 60,	1	3, 4, 6; of eachno_ Pluggers, root canal, Nos. 1, 3, 5, Don-	1
62, 63, 67, 68, 102, 161, 162, 163, 169; of eachno_	2	aldson'sset Probes, dressing, Flagg'sno_	1
Excarators, cone socket points (Battle ax), Nos. 7, 8, 9, 10, 12, 15; of		Probes, flexible, steel, Nos. 1, 2, and 3;	1
eachno_ Explorers cone socket points, Nos. 5,	2	Reamer, root, Peeso's, Nos. 1, 2; of	3
6, 7, 13, 14, 17; of eachno.	2	eachno. Root-drier, Ecaus'no_	ĭ

#### INSTRUMENTS AND APPLIANCES-Continued.

- 111		
24 8	Sterilizer, smallno_	1
1 1	Suringe, capillary, Dunn's, No. 4no_	1
1 8	Syringe, capillary, Dunn's, extra rub-	
		19
1 8	Syringe, capillary, Dunn's, extra	
1	glass harrels for no	6
- 1	Suringe hot-gir No 26 no	1
7. 3	Savingo humadormio no	1
		B
	for	- 57
7 6	Suntain water No. 4	i
+ 1 4	Syringe, water, No. 4	.9
1 1	thermometers, chincal	
1 1 3	Loot, universal	H.
1	Tray, impression, Franklin, Nos. 1, 2,	
	3; of eachno.	III.
2 3	Trocar and cannula, Marshall 110-	P
URNI	TURE.	
11		
		1
	Cuspidor, hand, with handle, nickel-	
1	platedno_	10
	Desk, fieldno_	13
	Desk, field, crate forno_	3
1	Lamp, alcohol, No. 21, span bruss,	
1	smallno_	
2	Table, Gold Medal, No. 8 no.	
CELL	ANEOUS.	
4	Gutta-percha stopping, Premium, 1-	
6 1	oz, sticksboxes_	4
13	Matches, safetyboxes	15
6 3	Mercury, holder for, ebony no	1
	Madaling composition Q Q White	
6	250 gms boxes	
6	Modeling composition, S. S. White, 250 gms boxes	
12	Mortar and pestle, glass, No. 3no_	
12	Mortar and pestle, glass, No. 3no_	
3 3	Mortar and pestle, glass, No. 3no_ Napkins, dental, antiseptic, 50 in boxboxes_	
3 3	Mortar and pestle, glass, No. 3no_ Napkins, dental, antiseptic, 50 in boxboxes_	2
3 3 6	Mortar and pestle, glass, No. 3	2
3 3 6	Mortar and pestle, glass, No. 3	2
3 3 6 2 2 1	Mortar and pestle, glass, No. 3no. Napkins, dental, antiseptle, 50 in boxboxes. Paper, Japanese, bibulous, 400 sheets in boxboxes. Points, corundum, Nos. 2, 5, 6, 7, 10, 14; of eachno.	2
3 3 6 2 2 2 2	Mortar and pestle, glass, No. 3 no. Napkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 5, 6, 7, 10, 14; of each uo Points, corundum, Butler, No. 305. no.	2
3 3 6 2 2 2 2 2	Mortar and pestle, glass, No. 3. no. Napkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 5, 6, 7, 10, 14; of each no. Points, corundum, Butler, No. 305. no. Points, corundum, Butler, No. 305. no. Points, nerve canal, gutta-percha, in	2
3 3 6 2 2 1 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	Mortar and pestle, glass, No. 3. no. Napkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 5, 6, 7, 10, 14; of each no. Points, corundum, Butler, No. 305 no. Points, nerve canal, gutta-percha, in box boxes.	2
3 3 6 2 2 1 1 6 1 6 1 6 1 6 1 6 1 6 1 6 1 6	Mortar and pestle, glass, No. 3. no. Napkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 5, 6, 7, 10, 14; of each no. Points, corundum, Butler, No. 305. no. Points, corundum, Butler, No. 305. no. Points, nerve canal, gutta-percha, in	2
3 6 2 2 16	Mortar and pestle, glass, No. 3	2
3 3 6 2 2 1 1 6 3 6 9	Mortar and pestle, glass, No. 3	2 11 2
3 3 6 2 2 1 1 6 3 6 9	Mortar and pestle, glass, No. 3	2 11 2
3 3 6 2 2 1 1 6 3 6 9	Mortar and pestle, glass, No. 3	2 2 1 1 2 2
3 3 6 2 2 1 1 6 3 6 2 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mortar and pestle, glass, No. 3. no. Napkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 6, 6, 7, 10, 14; of each no. Points, corundum, Butler, No. 305 no. Points, nerve canal, gutta-percha, in box. boxes. Points, rubber, Nos. 11, 12; of each no. Points, wood polishing, assorted, 100 in box. boxes. Pumice stone, powdered, in 500-gm. screw-top tin.	2 2 1 1 2 2
3 3 6 2 2 1 1 6 3 6 2 1 1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mortar and pestle, glass, No. 3	2 11 2
3 3 6 2 2 16 36 2 2 2 1	Mortar and pestle, glass, No. 3. no. Napkins, dental, antiseptic, 50 in box boxes.  Paper, Japanese, bibulous, 400 sheets in box boxes.  Points, corundum, Nos. 2, 6, 6, 7, 10, 14; of each no. Points, corundum, Butler, No. 305. no. Points, nerve canal, gutta-percha, in box boxes.  Points, rubber, Nos. 11, 12; of each no. Points, wood polishing, assorted, 100 in box boxes.  Pumice stone, powdered, in 500-gm. screw-top tin tin Rubberdam, 13 cms, wide by 1 meter long, in screw-top tin tins.	2 1 2
3 3 6 2 2 16 36 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mortar and pestle, glass, No. 3 no. Napkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 5, 6, 7, 10, 14; of each no. Points, corundum, Butler, No. 305 no. Points, corundum, Butler, No. 305 no. Points, rubber, Nos. 11, 12; of each no. Points, wood polishing, assorted, 100 in box boxes. Pumice stone, powdered, in 500-gm. screw-top tin tin Rubberdam, 13 cms, wide by 1 meter long, in screw-top tin tins. Shellac, sticks, 1-oz. boxes.	11 20 11 11 11 11 11 11 11 11 11 11 11 11 11
3 3 6 2 2 16 36 2	Mortar and pestle, glass, No. 3. no. Mapkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 6, 6, 7, 10, 14; of each no. Points, corundum, Butter, No. 305. no. Points, corundum, Butter, No. 305. no. Points, nerve canal, gutta-percha, in box boxes. Points, rubber, Nos. 11, 12; of each no. Points, wood polishing, assorted, 100 in box boxes. Pumice stone, powdered, in 500-gm. screw-top tin tin Rubberdam, 13 cms, wide by 1 meter long, in screw-top tin tins. Shellac, sticks, 1-oz, box. boxes. Stellac, sticks, 1-oz, box. boxes. Stellac, sticks, 1-oz, box. boxes.	11 20 11 11 11 11 11 11 11 11 11 11 11 11 11
3 3 6 2 2 1 16 36 2 1 12 12	Mortar and pestle, glass, No. 3. no. Napkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 5, 6, 7, 10, 14; of each no. Points, corundum, Butler, No. 305 no. Points, corundum, Butler, No. 305 no. Points, rubber, Nos. 11, 12; of each no. Points, wood polishing, assorted, 100 in box boxes. Pumice stone, powdered, in 500-gm. screw-top tin tin Rubberdam, 13 cms, wide by 1 meter long, in screw-top tin tins. Shellac, sticks, 1-oz. box. boxes. Slab, mixing, glass, No. 4 no. Soan, box for, metal No.	20 11 2
3 3 6 2 2 1 16 36 2 1 12 12	Mortar and pestle, glass, No. 3. no. Mapkins, dental, antiseptic, 50 in box boxes. Paper, Japanese, bibulous, 400 sheets in box boxes. Points, corundum, Nos. 2, 6, 6, 7, 10, 14; of each no. Points, corundum, Butter, No. 305. no. Points, corundum, Butter, No. 305. no. Points, nerve canal, gutta-percha, in box boxes. Points, rubber, Nos. 11, 12; of each no. Points, wood polishing, assorted, 100 in box boxes. Pumice stone, powdered, in 500-gm. screw-top tin tin Rubberdam, 13 cms, wide by 1 meter long, in screw-top tin tins. Shellac, sticks, 1-oz, box. boxes. Stellac, sticks, 1-oz, box. boxes. Stellac, sticks, 1-oz, box. boxes.	2 2
	1	Sgringe, capillary, Dunn's, No. 4. no. Syringe, capillary, Dunn's, extra rubber bulbs for no. Syringe, capillary, Dunn's, extra glass barrels for no. Syringe, hot-air, No. 26. no. Syringe, hypodermic no. Syringe, hypodermic, extra needles for no. Syringe, hypodermic, extra needles for no. Trot, universal. Trot, universal. Trocar and cannula, Marshall no.  URNITURE.  Chests, instrument, crates for no. Cuspidor, hand, with handle, nickel- plated no. Desk, field, crate for no. Lamp, alcohol, No. 21, span brass, small no. Table, Gold Medal, No. 8. no.  CELLANEOUS.

#### MISCELLANEOUS—Continued.

Store, Primus (Consolidated Dental Mfg. Co. of New York)no Strips, perfection polishing, assorted grits in boxboxes_ Temporary stoppingboxes_ Tin foil, No. 3, Globe, in books ½ ozbooks_Tumblers, glassno_	4	Towels, handnoVarnish, sandarach, 60 c. c. bottle, bottsWheels, corundum, round edge, ½, ¾, and 1 in.; of eachnoWheels, corundum, square edge, ½, ¾, and 1 in.; of eachnoWood, orange, 12 sticks in bundle, bundles, bundles, bundles, bundles, where we have the sand and the sand an	3
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## $\bf 344.$ contents of field desk for dental surgeons, u. s. army.

(a) Books.			
		Rubberpiece_ Rulerno_	1
Army Regulationscopy_	1		ĺ
Dentistry, Operative, American Text-		(c) Blanks.	
book of, Kirkcopy_ Deutal Pathology, Therapeutics and	1	, , , , , , , , , , , , , , , , , , , ,	
Dental Pathology, Therapeutics and		MEDICAL DEPARTMENT.	1
Pharmacology, Burchardcopy_	1		1
Handbook Hospital Corps, Smartcopy_	1	Medical property, return ofno_	2
Information slip bookcopy_	1	Medical supplies, invoice of, single	
Injuries and Surgical Diseases of Face,		sheetuo_	12
Month, and Jaws, Marshallcopy_	1 1	Medical supplies, receipt for, single	
Manual of the Medical Department_copy_	1	sheet no	12
Morning Report, Hospital Corpscopy_	1	Medical supplies, special requisition	i
Order and letter bookcopy_	1	Report of dental operations, sheet	٤
Register and prescription bookcopy_	1 1	Report of dental operations, sheet	
Register, dental operationscopy_	1 1	No. 1 no.	36
· · · · ·	l i	Report of dental operations, sheet	1
(b) Stationery.		No. 2uo_	108
· · · · · · · · · · · · · · · · · · ·	1 1	Return of personnel, etc., of Hospital	
Book, blank, 8vono_	1	Corpsno_	(
Elastic bands, assortedgross_	$\frac{1}{25}$	l i	1
Envelopes, official, largeno_		ORDNANCE DEPARTMENT.	i
		l	1
Envelopes, official, noteno_	50	Invoices and receipts combinedno_	ŧ
Eraser, steelno_	1	Quarterly statementsno_	•
Ink, blackbotts_	2	_	
Ink, redbott_	1	ADJUTANT GENERAL'S DEPARTMENT.	i
Inkstandsno_	2	<u>.</u> .	١.
Mailing tubesno_	4	Descriptive listsno_	2
Pads, letterno_	2	Dischargesno_	2
Pads, prescriptionno_	4	Final statementsno_	
Paper, blottingpieces_	4	Furloughsno_	2
Paper fastenersno_	25	Muster rollsno-	12
Paper, writing, leg. capqrs_	2	Pay rollsno_	12
Paper, writing, letterqrs_	4		1
Paper, writing, noteqrs_	2	SUBSISTENCE DEPARTMENT.	
Pencils, leadno_	4	1	
Penholdersno.	2 12	Receipt roll for commutation of rations, form No. 12no_	
Pens, steelno_			12

#### 345.

#### ADDITIONAL DENTAL OUTFIT.

This additional dental outfit may be supplied to general hospitals and such other stations as the Surgeon General shall designate.

	-	
(a) Furniture.		Lathe Unique, head, complete, with 8
		chucksno_ 1
Bracket, attachment combination, with		Mallet, hornno_ 1
plain Allan table, walnut, less No.		Nippers, plate, No. 3, mediumno_ I
4 enspidorno_	1	Plate punch, No. 12no_ 1
Cabinet No. 6, walnut, right or left		Pliers, contouring, Crescent, No. 115_no_ 1
drawersno_	1	Pliers, No. 105 no_ 1
Chair, maroon, med., D. B. Wilker-	1.60	Rings, casting, set of 4set_ 1
son Watking H P	1	Sommore Kingsley driver blades not
son, Watkins, H. Rno_		Scrapers, Kingsley, driven blades, set
Cuspidor, No. 4, nickel-platedno_	1	of 6set_ 1
HA M. TOWNSON		Screw plate and taps, watchmaker's_set_ 1
(b) Instruments.		Shears, Nos. 2, 9, 10, 11; of eachno_ 1
		Socket and arm for interdental splints,
Dentimeter, Kirk'sno_	1	2 in setsets_ 3
Forceps, tooth, extracting, No. 1-L, 6,		Soldering clamps, Melottes', set of 3_set_ 1
7, 10-H, 11, 14, 15, 27, 32, 52, 67,		Soldering and heating outfit, gasoline
103; of eachno_	1	(R. C. Brophy, No. 5, without
Took of their resembles and a second	1 3	blowpipe)no_ 1
(a) Laboratory Outfit		Soldering pad, Melottes'no_ 1
(c) Laboratory Outfit.		Contain Vi to
1-7 0 4 D WH 1		Spatula, No. 19no_ 1
Anvil, C. & B., with baseno_	1	Stone, whet 1
Articulator, Nos. 3, 8; of eachno_	1	Tongs, 7-in., solderingno_ 1
Bench, laboratory, No. 4, walnut, with bellowsno		Tubing, rubber, ¼-in., heavy wall, white ft_ Tracezers, Nos. A, B, C, D, E; of each_no_ 1
bellowsno_	1	whiteft_ 16
Blowpipe, Melottes', new styleno_	1	Ticeezers, Nos. A. B. C. D. E; of each_no_ 1
Bolts, star, set of 3sets	6	Vise, beuch, small, 4-inno_ 1
Bowl, plaster, No. Bno.	1	Vise, hand, 3-inno_ 1
Chisels, right, left, and square, for	-	Vise, hench, small, 4-in no l Vise, hand, 3-in no l Vulcanizer, Lewis C. B., 2 case, fitted
vulcanite, Nos. 13, 14, 15set_	1	for elected
		for alcohol no 1
Cones, felt, large, 1 blunt, 1 pointed_no_	2	Wheel brush, Nos. 3, 5, 25, 27, 30;
Cones, felt, small, 1 blunt, 1 pointed_no_	2	of each2
Cord, lathe, A-in., roundft_	18	Wheels, corundum, ¼-in., round edge, grits D and C, Nos. 1, 2, 4; of
Couplingssets_	2	edge, grits D and C, Nos. 1, 2, 4; of
Cups, Franklin, Nos. 1, 2, 3; of each_no_	1	each no 2
Cups, upper impression, Nos. 2, 3, 5,		Wheels, corundum, %-in., square
Cups, upper impression, Nos. 2, 3, 5, 10; of eachno_	1	Wheels, corundum, 3/8-in., square edge, grit B, No. 6 2
Cups, lower impression, Nos. 2, 3, 10,	13	Wheel, driving, No. 1 no_ 1
16: of each	1	Wheels, felt, Nos. 3, 4; of eachno_ 1
16; of each no	1	Wheels, left, 10s. o, 1, or cach
		(d) Missellaneaux
Drawplate for wire, 20 holesno_	1	(d) Miscellaneous.
File, gold, round, 4-in., bastardno_	1	CD 11
File, gold, round, 3-in., smoothno_	1	Chalk, prepared, in screw-top tins_kilo_ 1
File, gold, flat, 3-in., smoothno_	1	Composition, modeling, in 250-gm. tin boxesboxes4
File, gold, half round, 4-in., bastard _no_	1	tin boxesboxes_ 4
File, vulcanite, 7-in., half roundno_	1	Crowns, Logan, anterior, assorted, in sets of 25set1
File, vulcanite, 8-in., half roundno_	1	sets of 25set_ 1
File, vulcanite, 5-in., roundno_	1	Endless packing for vulcanizer, Lewis no 6 Fiber, asbestos 1b 1
Flasks, brass' star no		Lewis no_ 6
Flasks, brass, starno_ Flask, press, S. S. Wno_	ī	Fiber, asbestoslb_ 1
Harman D planting	1	Laws alread for Louis C. D. and
Hammer B, rivetingno_	1	Lamp, alcohol, for Lewis C. B. vul-
Hammer, swaging, steel, 1½-lb. (Lane's) no- Hub mold no-	1	canizer (B. D. Mfg. Co.)no_ 1
(Lane's)no	1	Lead, in 1/2-lb. ingotsingots 5
Hub moldno_	1	Metal, air chamber, thin, in 1/2-lb.
Knife, plaster, No. 1no_	1	Metal, air chamber, thin, in ½-lb. packageslb1
Knife, max, No. 4no_		Metal, babbitt, in 1/2-lb. ingots_ingots_ 5
Ladles and handleset_	1	Molding sand in 500-gm, tins, screw
Lamp, laboratory, alcohol, Nos. 9, 10	1	Molding sand in 500-gm, tins, screw toptins 8
(S. S. W.); of eachno	7	Plaster of paris in 9-kilo tine serom
Town soldening alaskel No. 7 /2 C	1	Plaster of paris, in 2-kilo tins, screw
Lamp, soldering, alcohol, No. 7 (S. S.	4	top tins 12
W.)no_	1	Pumice, in 1-kilo tins, screw toptins_\

### ADDITIONAL DENTAL OUTFIT—Continued.

Rubber, bow springlb 1 Rubber, pink	Teeth, lower, gum, 17 x 14 (238) sectional Teeth, lower, plain, 17 x 14 (238) ribber Wax, yellow, impression Wire, iron binding, No. 32 gauge, spool 1
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#### (e) Books.

Books on Dental subjects will be supplied on special requisitions approved by the Surgeon General. .

#### OBSOLETE INSTRUMENTS, APPLIANCES AND EQUIP-MENT.

346. There are at many military posts cases of instruments, field chests, etc., once borne on the official supply table, but now dropped as obsolete or as superseded by improved articles. The contents of these cases are given below for the information of officers responsible for such property.

#### 347. CONTENTS OF CAPITAL OPERATING CASES.

(4) Case No. 1.		(b) Case No. 2.	
/T 1 1111 11		(In mahogany case, with leather	1
(In mahogany case, with leather	1 1	pouch.)	
pouch.)			Ι.
Catlin, longno_	1	Bistoury, straightno_	:
Catlin, smallno_	1	Catlin, longno_	
Chiselno_	1	Catlin, smallno_	
Drills, with one handleno_	4	Chiselno_	
Elevator and raspatory, combinedno_	1	Drills, with 1 handleno_	
Forceps, artery, fenestrated, spring		Elevatorno_	1 :
cutchno_	1	Forceps, artery, bulbous, slide catchno_	1
Forceps, bone, gougeno_	1	Forceps, bone, gouge, curvedno_	
Forceps, bone, long, slightly bentno_	1	Forceps, bone, gouge, straightno.	
Forceps, bone, long, angledno_	1	Forceps, bone, longno_	
Forceps, sequestrumno_	1	Forceps, lithotomyno_	
Gougeno_	1	Forceps, sequestrumno_	
Hook, doubleno_	1	Gougeno_	
Knife, amputating, longno_	1	Knife, amputating, longno_	
Knife, amputating, mediumno_	1	Knife, amputating, mediumno_	
Knife, cartilageno_	i	Knife, cartilageno_	
Ligature, silkgms_	5	Ligature, silkgms_	
Mallet, leadenno_	ľ	Needle, aneurism, handle and 3 tipsno_	
Needle, aneurism, handle, and 3 tips,	1 -	Needle, key, arteryno_	
no	1	Needles, surgeon'sno_	1:
Needle, key, arteryno_	lî	Rasputoryno_	, -:
Needles, surgeon'sno_	12	Razor	
Retractorsno_	12	Retractorsno_	
Saw, borr, 2 bladesno_	ī	Sar, bow, 2 bladesno_	
Saw, chainno_	i	Saw, chainno_	
Saw (Hey's)no_	i	Saw, (Hey's)no_	1
Sur metacamul	i	Saw, (Hey 8)	
Saw, metacarpalno_	3	Saw, morable backno_	
Scalpelsno_	1	Scalpelsno_	1:
Scissors, straightno_		Scissors, straightno_	
Tenaculumno_	1	Tenaculumno_	
Tourniquet, screwno_	1	Tourniquet, screw, with padno_	
Trephine, brush forno_	1	Trephine, brush forno_	
Trephine, conicalno_	1	Trephine, conicalno_	
Trephine, crownno_	1	Trephine, handle forno_	
Trephine, handle fornc_	1	Trocar and cannula, straightno_	
Waxpiece_	1	Waxpiece_	

#### 348. CONTENTS OF GENERAL OPERATING CASE.

This set consists of two manogany boxes with locks and keys, carried in a leather or heavy gutta-percha pouch, and containing the following:

(a) Box No. 1,		Needle, key, arteryno	
` '		Needles, surgeon'sno.	
Bistoury, curvedno_	1		
Bistoury, curved, probe-pointedno_	1	Scissors, curvedno.	
Bistoury, straightno_	1	Scissors, straightno.	
Catlinno_	1	Scalpelsno.	
Forceps, bulletno_	1	Tenaculumno.	-
Forceps, dissectingno_	1	Tourniquet, fieldno	
Forceps, dressing, curvedno_	1	Trocar and cannula, straightno.	-1
Forceps, æsophagealno_	1	(1) <b>D</b>	
Hook, doubleno_	1	(b) Box No. 2.	1
Knife, amputating, smallno_	1	9 9 4 4 77	1
Knife, herniano_	1	Catheters, metallicno.	
Needle, aneurism, handle and 4 tips_no_	1	Sounds, metallic, double-curreno.	-İ
Needle, cuturactno_	1		İ
349. CONTENTS OF	. AI	MPUTATING CASE.	
30,,,,,,,,,		gany case.)	
			-
Catlin, longno_	1	Needle, aneurismno.	-
Catlin, smallno_	1	Needles, surgeon'sno.	. 1
Forceps, artery, spring-catchno_	1	Sar, bow, 2 bladesno.	
Forceps, bone (nippers)no_	1	Sar, metacarpalno.	
Knife, amputating, longno_	1	Scalpelno.	
Knife, amputating, mediumno_	1	Tananilam	.1
		1 temiculumNo.	
Knife, amputating, smallno_	i.	Tenaculumno Tourniquet, screw, with padno	
Knife, amputating, smallno_ Ligature, silkgus_		Tourniquet, screw, with padno. Waxpiece.	- [
Knife, amputating, smallno_ Ligature, silkgms_	1 2 F E	Towniquet, screw, with padno. Waxpiece.  XSECTING CASE.	- [
Knife, amputating, smallno_ Ligature, silkgms.  350. CONTENTS OF	1 2 F E	Tourniquet, screet, with padno. Waxpiece.  XSECTING CASE. th gutta-percha cover.)	
Knife, amputating, smallno_Ligature, silkgms	F E	Tourniquet, screen, with padno. Waxpiece.  XSECTING CASE. th gutta-percha cover.)	-
Knife, amputating, small	1 2 F E e, wi	Tourniquet, screw, with padno Waxpiece.  XSECTING CASE. th gutta-percha cover.)  Glougeno. Knije, lenticularno	
No.   No.	1 2 F E e, wi	Tourniquet, screen, with padno. Waxpiece.  XSECTING CASE. th gutta-percha cover.)  Giougeno. Knife, lenticularno. Retractorsno.	
Knife, amputating, smallnono	1 2 2 wi	Tourniquet, screw, with padno.  Waxpiece.  XSECTING CASE. th gutta-percha cover.)  (Gouge	
Knife, amputating, small	1 2 F E e, wi	Tourniquet, screen, with padno. Waxpiece.  XSECTING CASE. th gutta-percha cover.)  Giougeno. Knife, lenticularno. Retractorsno.	
Knife, amputating, smallno	1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Tourniquet, screw, with padno.  Waxpiece.  XSECTING CASE. th gutta-percha cover.)  (Gouge	
Knife, amputating, small	1 2 F E e, wi	Tourniquet, screw, with padno. Waxpiece.  XSECTING CASE. th gutta-percha cover.)  (Gouge	
Knife, amputating, smallno_ Ligature, silk	1 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tourniquet, screw, with padno.  Waxpiece.  XSECTING CASE.  th gutta-percha cover.)  Giouge	
Knife, amputating, smallno_ Ligature, silk	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Torniquet, screw, with padno. Waxpiece.  XSECTING CASE. th gutta-percha cover.)  flougeno. Knife, lenticularno. Saur, chainno. Trephineno.  ACT OPERATING CASE.  Needle holder (Mathiew's)no. Probe, silverno.	
Knife, amputating, smallno Ligature, silk	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tourniquet, screw, with pad	
Knife, amputating, smallno_ Ligature, silk	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tourniquet, screw, with pad	
Knife, amputating, smallno Ligature, silk	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tourniquet, screen, with pad	
Knife, amputating, smallno_ Ligature, silkno_ Ligature, silkno_ (In mahogany case  (Thisel	1 2 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 2 1	Tourniquet, screw, with pad	
Kuife, amputating, smallno_ Ligature, silk	1 2 1 1 1 1 1 1 1 2 2 2	Tourniquet, screen, with pad	
Knife, amputating, smallno_ Ligature, silk	1 2 1 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 2 2 1	Tourniquet, screw, with pad	

#### 352.

#### CONTENTS OF FIELD CASE.\*

(In wooden case, with leather pouch and sling strap with buckle and snap hooks.)

Bistoury, curved no- Catheter, silver, jointed no- Director and aneurism needle no- Forceps, artery and needle combined no- Forceps, bone no- Forceps, dullet no- Forceps, dressing no- Knife, amputating, blade no- Knife, amputating, handle no- Ligature, silk gms.	Needles, surgeon's
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<sup>\*</sup>This is the case issued originally as "surgeon's field case."

#### 353. CONTENTS OF FIELD OPERATING CASE, 1898 PATTERN.

(In mahogany case, with leather pouch and sling strap.)

Bistoury, curved, probe-pointedno_	1	Knife, amputating, large, 7-in, blade_no_	12
Bistonry, straight, sharp-pointedno_	1	Ligature, silkgm_	10
Box, ligaiure, with 3 spoolsno_	1	Mallet (Forwood's)no_	
Buttons, Murphy's, 3 in setset_	1	Needle, aneurismno_	
Cannula, silver (Belocque's)no_	1	Needle, curved (Reverdin's)no_	113
Catheters, silver, Nos. 8 and 10no_	2	Needle holder (McBurney's)no_	13
Catheter, staff, tunneled (Gouley's)no_	1	Needles, artery, blunt, right and left_no_	1
Catlin, medium, 5-inch bladeno_	1	Needles, case forno_	1
Chiselno_	1	Needles, curved, assortedno_	15
Clamps, intestinal (McLauren's)no_	2	Needles, straight, roundno_	
Depressor, tongue, wire, foldingno_	1	Needles, straight, triangularno_	
Director, grooved, mediumno_	1	Periosteotome, light (Sayre's)no_	1
Drills, bone, in handle, set of 3set_	1	Pins, latest (Wyeth's)no_	5
Ear hook and spoon (Gross's)no_	1	Probe; double-end, 8 ins. long, one end	
Eye spud (Dix's)no_	1	a porcelain tip, silverno_	13
Forceps, bone-cutting, flat blade (Lis-		Probe, hard-rubber (Flubrer's)no_	
ton's)no_	1	Razor, hard-rubber handleno_	1
Forceps, clamp (Keen's)no_	1	Retractors, double-ends, nestedno_	5
Forceps, clamp (Kelley's)Bo_	1	Rongeur, medium (Keen's)no_	1
Forceps, delicateno_	1	Saw, amputating, 2 blades (Little's)_no_	1
Forceps, dressing and bullet (Forwood's),	150	Saw, metacarpalno_	
BO.	1	Scalpels, assortedno_	B
Forceps, hæmostatic, curvedno_	3	Scissors, angular, blunt-pointedno_	1
Forceps, hamostatic (Jones's), 2-in. bite,	100	Scissors, curved on flat (Wyeth's)no_	1
no_	1	Scissors, heavy, bluntno_	1
Forceps, hæmostatic (Pean's)no_	3	Scoop (Wyeth's)no_	1
Forceps, hæmostatic (Wyeth's)no_	1	Silkworm gutcoil_	
Forceps, rongeur and bone-holding (For-		Sponge holders, 1 Simm's and 1 regu-	
wood's)no_	1	larno_	3
Forceps, mouse-tooth, with teethno_	2	Syringe, aspirating, with three points_no_	1
Forceps, T-shaped (Pratt's)no_	1	Tenaculumno_	
Gag, mouth (French's)no_	1	Trephine 1/2-in. (Gall's)no_	1
Gougeno_	1	Trocar and cannula, set of 4, silver, in	
Guide, filiform (Gouley's)no_	1	metal boxno_	1
Horsehaircoil_	1	Tube, tracheotomy, silverno_	0

#### 354. CONTENTS OF FIELD OPERATING CASE, OLD PATTERN.

In mahogany case, with leather pouch.)

This list does not correspond to the contents of all old-pattern field operating cases; discrepancies should be noted.

	1 :	1
Bistoury, curvedno_	1	Needles, surgeon sno_ 1
Bistoury, curved, probe-pointedno_	1	Probe, bullet, longno_
Bistoury, straightno_		Probe (Nelaton's)no
Catheters, silver, Nos. 3, 6, and 9no_		Razorno_
Catlin, longno_		Retractorsno_
Catlin, mediumno_		Saw, bow, 2 bladesno_
Directorno_		Saw, chainno_
Elevatorno_		Saw (Hey's)no_
Elevator and raspatory, combinedno_	1	Saw, metacarpalno_
Forceps, artery, springno_		Scalpelno.
Forceps, bone, curvedno_		Scissors, angularno_
Forceps, bulletno_		Scissors, straightno_
Forceps, dissectingno_	1	Sounds, steel, silvered, double curre,
Forceps, dressingno_	1	Nos. 12, 34, 5, 78, 10, 11no_
Forceps, sequestrumno_		Tenaculumno_
Knife, amputating, longno_		Tourniquet, screw, with padno_
Knife, amputating, mediumno_		Trephine, brush forno_
Knife, herniano_		Trephine, conical, and handleno_
Ligature, silkgms_	- 5	Trocar and cannula, curvedno_
Needle, aneurism, handle and 3 tips _ no_		Waxpiece_
Needle, key, arteryno_		

#### 355.

#### FIELD CASE (SURGEON'S), 1898 PATTERN.

(In mahogany case, with leather pouch and sling strap.)

Bistoury, curred, probe-pointedno_ Bistoury, straight, sharp-pointedno_ Cutheter, male, platedno_ Director, groored, with myrtle leafno_ Forceps, bone, open box joint, corru- quited haultes, scaoped outno_	1 1 1 1	Knife, amputatingno. Needle, aneurismno. Noedlesdoz. Probe, silver, with Nelaton's tipno. Saw, amputating, lifting backno. Saw, metwarpalno.
Forceps, bullet and dressing, combined, no_	1	Scalpelno_ Scissors, curved on flat, with Collin's
Forceps, dissecting, mouse-toothno_ Forceps, humostaticno_	2	lockno_'   Scissors, light knee bent, with ('ollin's
Forceps, hæmostatic and needleno_ Handles, hard-rubber, for knife and	1	Silk cards
sawno_  Horsehair, blackcoil_	1 !	Silkworm gut (20 strands)coil_ Tenaculumno_

#### 356.

#### CONTENTS OF MINOR OPERATING CASE.

(In brass-bound mahogany case, with leather pouch.)

Bistouries, straightno_ Cannula (Belocqués')no_ Catheter, prostatic, silverno_ Catheters, silver, Nos. 3, 0, and 9no_	1 2 1 1 3	catch   no.   Forceps, bullet   no   1   Forceps, dissecting   no   1   Forceps, dissecting   no   1   Forceps, weaphageal   no   1   To   To   To   To   To   To   To
Directorno_ Ecraseur, wire, 2 lipsno_	1	Forceps, tracheotomy (Trousseau's)_no_1 Kuife, amputatingno_1

#### CONTENTS OF MINOR OPERATING CASE—Continued.

1 5 1	Serrefinesno_ Sound, smallno_ Sounds, steel, silvered, double curve,	6
5	Sounds, steel, silvered, double curve,	1
1	Sounds, steel, silvered, double curve,	
ıl		
	Nos. 1-2, 3-4, 5-6, 7-8, 9-10, 11-12	
12	no_	6
1	Staff, grooved, largeno_	1
1	Staff, groored, mediumno_	1
1	Staff (Syme's)no_	1
1	Tenaculumno_	1
2	Tousillotomeno_	1
1	Trocar and cannula, curredno_	1
1	Tubes, tracheotomy, doubleno_	2
1	Waxpiece_	1
1	1 1 1	Staff, grooved, large

#### 357.

#### CONTENTS OF POCKET CASE. ASEPTIC.

(In leather case, with metal clips and chamois cover.)

Bistoury, curvedno_		Needle, aneurism, and grooved director,
Bistoury, curved, probe-pointedno_	1	no_
Bistoury, straightno_	1	Needle, exploringno_
Catheter, jointed, male and female tips	1 1	Needles, surgeon'sno_ 1
no	1	Probe (Nélaton's)no_
Caustic holderno_	1	Probe, silverno_
Forceys, needle and fenestrated, artery	1	Scalpelno_
no	1	Scissorsno_
Forceps, long-jawedno_	1	Tenaculumno_
Lancet, thumbno_	1	Tenotomeno_
Ligature, silkgm_		Waxpiece_
Needle, aneurismno_	1	

#### 358.

#### CONTENTS OF POCKET CASE, PERSONAL.

(In leather case, with leather or gutta-percha cover.)

This case was formerly part of the "personal set."

Bistoury, curvedno_	1	Ligature, silkgm_
Bistoury, curved, probe-pointedno_	1	Needle, aneurismno
Bistoury, straightno_	1	Needle, exploringno_
Catheter, jointed, male and female tips	- 1	Needles, surgeon'sno_
no_	1	Probesno_
Caustic holderno_	1	Probe (Nélaton's)no_
Director, grooredno_	1	Scalpelno_
Forceps, artery, fenestratedno_	1 1	Scissorsno_
Forceps, dissectingno_	1	Tenaculumno_
Forceps, dressingno_	1	Tenotomeno
Lancet, thumbno_	1	Waxpiece

#### 359.

#### CONTENTS OF POCKET CASE, POST.

This name is used when reference is made to the red morocco pocket case with chamois

The list of contents is the same as that of the aseptic pocket case, but the aneurism and exploring needles, knives, and tenaculum are detachable from the two hard-rubber or ivory handles. Some cases contain a combined needle and fenestrated artery torceps and a hæmostatic forceps; others a plain artery and a dressing forceps.

#### 360.

#### CONTENTS OF TREPHINING CASE.

		1	_
Elevatorno_	1	Trephine, brushes forno_	l
Saw ( Hey's)no_	1	Trephine, conicalno_	
Scalpel and raspatoryno_	1	Trephine, handle forno_	l
361. CONTENTS	OF	DENTAL CASE.	
	_	orocco case.)	
Burnishers (Nos. 3, 29, 36)no_	3	Gutta-perchagms_	:
Chisels (Nos. 77, 135)no_	2	' rr ' 11' ' c ' c ' c	'
Employee (Vo. 5)	ĩ	Handles for instrumentsno_	
Explorer (No. 5)	•	Mirrorno	i
DE 111 112 115)	10	Paper, bibuloussheets_	
86, 141, 143, 145)no_ Files (2 each of Nos. 00, 0, 1)no_	6	Scaler (No. 3)	
Forceps, collegeno_	1	Spatula (No. 1)no_	ı
			_
362. CONTENTS OF	EY	E AND EAR CASE.	
(In mahogany c	ase,	with leather pouch.)	_
Bottles, g. s., 4-c.cno_	2	Needle, curvedno_	
Catheter, eustachian, h.rno_	1	Needle, curvedno_ Needle, stop, curvedno_	
Curetteno_	1	Needle, stop, straightno_	
Cystotome and scoopno_	1	Needle, straightno_	
Director, lachrymalno_	1	Needles, fineno_	
Forceps, angular, for earno.	1	Opthalmoscopeno_	
Forceps, ciliano_	1	Optometer (Thompson's)no_	
Forceps, fixationno.	1	Probes, luchrymal, double, silverno_	
Forceps, iridectomy, angularno_	1	Scalpelno_	
Forceps, iridectomy, curredno_	1	Scissors, curved on the flatno_	
Forceps, iridectomy, straightno_	1	Scissors, iris (Noyes's) on handleno_	
Hook, bluntno_	1	Scissors, strabismusno.	
Hook, blunt, curved shank no_	1	Scissors, straightno_	
Hook, doubleno_	1	Scoop and hook, metal handleno_	
Hook, strabismus no_	2	Silk, finegm_	
Keratome, angularno_	2	Specula, ear, in nestno_	
Knife (Beer's), cataractno_	1	Speculum, eye, stopno_	
Knife (Graefe's), linearno_	1	Speculum, eye, stop (Graefe's)no_	
Knife, irisno_	1	Spoon, lens, h.rno	
Knife, iris, double-edgeno_	1	Spoon, lens, fenestratedno-	
Lid holders, large and smallno_	$\frac{2}{1}$	Spud (Dix's)no.	
Lid holder, hard rubberno_		Styles, lachrymal, silverno-	
	2	Syringe (Anel's), with 3 tipsno_	1
Mirror, laryngeal no_		Waxpiece_	ı
Mirror, laryngealno_ Mirror, laryngoscopic, with headband, no_	1	,	
Mirror, laryngoscopic, with headband, no-	'	STATIC FORCEPS CASE.	
Mirror, laryngoscopic, with headband, 100- 100- 100- 100- 100- 100- 100- 100-	MOS		
Mirror, larynyoscopic, with headband, ne	MOS rgica	STATIC FORCEPS CASE.	
Mirror, larynyoscopic, with headband, 100- 100- 100- 100- 100- 100- 100- 100-	MOS rgica	STATIC FORCEPS CASE. sl chest.)  Pratt's T-shaped	

#### 364. CONTENTS OF CASE OF TRIAL LENSES-QUEEN.

(In mahogany case, with lock and key.)

Twenty pairs spherical convex lenses. Twenty pairs spherical concave lenses, both from 3 to 18 inches focus.
Eight cylindrical convex lenses.
Eight cylindrical concave lenses, both from 9 to 72 inshes focus.
Five prisms, 2°, 3°, 4°, 5°, 8°.

Three metal disks, one plain, one with hole in center, and one with stenopaic slit. Four colored glasses—red, blue, green, and brown. One single lens holder.

One trial frame.

#### 365.

#### CONTENTS OF GENITO-URETHRAL CASE.

(In rosewood case.)

Bougies à boule (Otis's), metal, nickel-	6	Gauges, pasteboard (American and Freuch)
plated, Nos. 11, 14, 17, 21, 26, 30_no_	-0	
Catheter, double current, silverno_	1	Guides, whalebone (Gouley's)no_ 1
Catheter, grooved and tunneled (Gou-		(fuides, whalebone (Otis's)no_
ley's), with styletno_	1	Knife, beaked (Gouley's)no_
Crin de Florenceno_	1	Sounds, set of 4, fitting one handleno_
Dilator (Thompson's), modified by 🕇		Sounds, tunneled (Gouley's)no_
Gouleyno_	1	Tenaculum (Gouley's)no_
Director, silver (Gouley's)no_	1	Urethrotome, dilating (Gouley's), with
Forceps, urethral (Thompson's)no_	1	2 tunnel tipsno_
(Fauge, steel (American and French)_no_	1	-

#### 366. CONTENTS OF GENITO-URINARY CASE, OLD PATTERN.

(In mahogany case.)

Bistoury for meatus (Otis's)	33 3 1 2	Otis's gauge, with 2 blades, 2 filiform	1 12 1
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#### 367.

#### CONTENTS OF URETHRAL CASE.

(In rosewood case, with lock.)

But few of these have been issued. It is essentially the same as the genito-urinary case, old pattern, but the arrangement and contents are somewhat different.

Bongies à boule (Otis's), metal, nickel- plated, Nos. 8 to 16, inclusive no 1 Catheter, spring, prostatic no 1 Connet, steel no 1 Sounds (Otis's), short-heaked, steel, nickel-plated, Nos. 21 to 16, inclusive no 26
---

#### 368. CONTENTS OF OBSTETRICAL AND GYNECOLOGICAL CASE.

(In leather trunk case, with handles and lock.)

Blunt hook and crotchet, guardedno_Bottle, g. s. and g. c., for Little's saline mixtureno_Bottle, g. s. and g. c., for styptic_no_Bottle, g. s. and g. c., for ergotno_Bottle, g. s. and g. c., for ergotno_Catheter (Sim's), sigmoid, metalno_Catheter (Sim's), sigmoid, metal_no_Bitle (cranioboung forceps) _no_Bitle (saline), with stopcocks, etc_no_Bitle (Barnes's), with stopcocks, etc_no_Bitle (Sim's), with 2 points, no_Bitle (Sim's), with 2 points, no_Forceps, placenta (Loomis's)_no_Forceps, placenta (Loomis's)_no_Bottle	1 1 1 3 1 1	Perforator (Thomas's)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			i
	'		

#### 369.

#### CONTENTS OF STOMACH-PUMP CASE.

(In mahogany case, with lock and key.)

Gag, monthno_ Gag, screwno_ Hose, filling and ejectingno_	1 1	Pipes, injecting, irory, straightno_ Pipe guard, rectalno_ Prump, brass, with leverno_ Tube, rectal (O'Beirne's)no_ Tube stomach	1 1 1
Pipe, injecting, ivery, angularno.	1	Tube, rectal (O'Berne's)no_ Tube, stomachno_	1

#### 370. CONTENTS OF EMERGENCY CASE, OLD PATTERN.

Tablets in 15 c. c. Bottles.	Phenacetinum comp* Quinime sulphas mgms 200
Acidum tannicummgms_ 324	Sodii bromidmgms_ 324
Aconiti tineturac, c_' 0.1	Sodii bicarb, et mentha pip*
Aloini composita*	Sulphonalmgms 324
Antiseptic*	
Bismuthi subnitras mgms. 324 Carminativa*	Hypodermic Tablets, in Tubes.
Cathartica composita	Apomorphine hydrochloras.t
Chloral mgms 324	mgms_ 6
Digitalis tincturae, c. 0, 3	Atropine sulphastmgms_ 0.65
Ergotinummgms_ 130	Cocaina hydrochlorasmgms_ 10
Glycyrrhizae comp, mist. (Brown	Digitalinummgms_ 1
mixture)mgms_ 324	Morphine sulphastmgms_ 8
Hydrargyrum chl. mite cum	Nytroglycerinum mgms 0.65
sodii bicarb*	Quining hydrochlorosulphas,
Ipecacuanha et opium	mgms 65
Morphina sulphas 8	Strychina sulphastmgms_ 1
Opii tinctura camphoratac. c. 0.4	. ,

<sup>\*</sup>Special Medical Department formulae.

<sup>\*</sup>With directions for use, and consisting of a rubber tube with two bulbs, a glass receiver, and giver's and receiver's cannula.

<sup>†</sup> In the hypodermic syringe case.

#### CONTENTS OF EMERGENCY CASE, OLD PATTERN—Continued.

Instruments.  Bistonry, curved and straight; of eachno_Forceps, hiemostaticno_	1 1	Ligature, silk gm Needles, surgical no Plaster, isinglass roll Scissors, straight no	1 6 1 1	
Syringe, hypodermic Thermometer, clinical			no_ no_	

#### 371.

#### SURGICAL PUMP.

(In leather bag, with lock and key, and directions for use. Those which have been issued are of two or three different patterns, and do not exactly correspond to this list.)

Allen's Surgical Pump, No. 12, has been supplied only in Medical Chest No. 2, pattern 1898; it consists of the following outfit:

Bottles (vials)no_ Catheter and connectorno_ Clamp attachmentno_	2 1 1 1 3 2 1 5	Dilator, uterine, silk covers forno Needles, aspiratingno Pipe, breast, nipple (glass)no_Pipes, syringe (car, postnasal, raginal, rectal, and uterine)no Pump, 9-cm., and tubeno Pump, extra tube forno Tamponsno Tampons, extra bags forno Tvocar, domeno Tube, stomach, and connectorno Tube, stomach, and connectorno	5 1 1 2 4
--	--------------------------------------	--	-----------------------

#### 372.

#### CONTENTS OF DISSECTING CASE.

(In wooden case.)

Chiselno_	1	Knije, cartilage	3
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#### MICROSCOPES.

#### 373.

#### The "Universal" Microscope.

Made by Bausch & Lomb Optical Company. In two cases, the contents of which are as follows:

MICROSCOPE CASE.	Ì	Concare and plain mirrorno_ 1
(In upright cherry-wood case, with handle, lock, and extra hook and post fastenings.)		Objectire, 2-in
Stand, "Universal"no_	1	Double nosepieceno_ 1
Glass stage and slide carrierno_	1	Iris diaphragm, with substage adapter,
Eyepieces, A and Cno_	2	arranged to take diaphragm or ob-
Eueniece microneter no	1	iectiveno_

#### MICROSCOPES—Continued.

#### The "Universal" Microscope—Continued.

MICROSCOPE CASE—continued.	Knife for same, one side flat, in case_no_ Syringe, bruss, with 4 pipes and stop-
Danalaina dianhanan	
Revolving diaphragmno_	
Bull's-eye condenserno_	1   Turntable, self-centeringno_
Stage forcepsno_	1 Glass slidesdoz_
Camera lucidano_	1 Glass coversgms_! 3
Forcepsno_	1   Carminegms_ 1
Glass coversno_	6   Canada balsamgms_  3
Glass slidesno_	6   Balsam bottleno_
	Dropping bottle, for oil of cedarno_
CASE OF MICROSCOPICAL ACCESSORIES.	Gentian violetgms_
CASE OF MICHOSCOFICAL ACCESSORIES.	Bismarck browngms_
(In cherry-wood case, with handle,	
lock, and extra hook and post	Methyl bluegms_
fastenings.)	Fuchsingms_
· ,	Aniline oilc. c_ 6
Microtomeno_	1 Paraffinkilo_
Eyepiece A, 2-inch objective gives abou Eyepiece A, 3/-inch objective gives abou Eyepiece A, 4/-inch objective gives abou Eyepiece C, 2-inch objective gives abou Eyepiece C, 3/-inch objective gives abou Eyepiece C, 3/-inch objective gives abou Eyepiece C, 1/-inch objective gives abou Eyepiece C, 1/-inch objective gives abou	ut 50 diameters, ut 570 diameters, ut 570 diameters, t 50 diameters, ut 100 diameters, t 420 diameters,
0.004	
Made by the Bausch & Lomb Optical C	gator" Microscope. Company, and of which many have been issued
	Company, and of which many have been issued
Made by the Bausch & Lomb Optical Consists of the following:	Company, and of which many have been issued  Razor, large, one side flat, with handle,
Made by the Bausch & Lomb Optical Consists of the following:	Company, and of which many have been issued  Razor, large, one side flat, with handle, in caseno_:
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the	Razor, large, one side flat, with handle, in cuse 15 c. c., bruss, with 4 pipes
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal micro-	Company, and of which many have been issued  Razor, large, one side flat, with handle, in case
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a	Sompany, and of which many have been issued  Razor, large, one side flat, wilk handle, in case Syringe, 15 c. c., brass, wilk 4 pipes and stopcock, in case Translable, self-centering
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.	Company, and of which many have been issued  Razor, large, one side flat, with handle, in caseno- Syringe, 15 c. c., brass, with 4 pipes and stopcock, in caseno- Turntable, self-centeringno- Glass coversnns. 3
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a	Sompany, and of which many have been issued  Razor, large, one side flat, with handle, in caseno- Syringe, 15 c. c., brass, with 4 pipes and stopcock, in caseno- Translable, self-centeringno- Glass coversgus. 3 Glass sidesdoz.
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern. In cases, etc., as above.	Company, and of which many have been issued  Razor, large, one side flat, with handle, in cuseno Syringe, 15 c. c., brass, with 4 pipes and stopcock, in caseno Turntable, self-centeringno Glass coversgms_13 Glass didesdoz Carminegms_11
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.	Company, and of which many have been issued  Razor, large, one side flat, with handle, in caseno- Syringe, 15 c. c., brass, with 4 pipes and stopcock, in caseno- Turntable, self-centeringno- Glass coversgns_3 Glass slidesgns_1 Carminegns_1 Canada balsangns_3
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.	Company, and of which many have been issued  Razor, large, one side flat, with handle, in caseno Syringe, 15 c. c., bross, with 4 pipes and stopcock, in caseno Translable, self-renteringno Glass coversgms Glass sidesdo Carminegms1 Canada balsamgms1 Balsam bottleno
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.	Company, and of which many have been issued  Razor, large, one side flat, with handle, in caseno Syringe, 15 c. c., bross, with 4 pipes and stopcock, in caseno Translable, self-renteringno Glass coversgms Glass sidesdo Carminegms1 Canada balsamgms1 Balsam bottleno
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no-	Company, and of which many have been issued  Razor, large, one side flat, with handle, in cuseno
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no-	Company, and of which many have been issued  Razor, large, one side flat, with handle, in cuse in cuse in cuse side flat, with handle, in cuse in cuse in cuse in cuse and stopcock, in case in cuse i
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no-	Razor, large, one side flat, with handle, in case
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern. In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no-  375.  CHER	Razor, large, one side flat, with handle, in case
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no-  375.  CHEP  Chemicals.  Acid, arsenous, As <sub>2</sub> O <sub>3</sub>	Razor, large, one side flat, with handle, in case
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no.  375.  CHEP  Chemicals.  Acid, arsenous, As <sub>2</sub> O <sub>2</sub>	Razor, large, one side flat, with handle, in case
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no-  375.  Chemicals.  Acid, arsenous, As <sub>2</sub> O <sub>3</sub>	Razor, large, one side flat, with handle, in case
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.  In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no.  Chemicals.  Acid, arsenous, As <sub>2</sub> O <sub>3</sub>	Razor, large, one side flat, with handle, in case
Made by the Bausch & Lomb Optical Consists of the following:  MICROSCOPE CASE.  The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern. In cases, etc., as above.  CASE OF MICROSCOPICAL ACCESSORIES.  Section cutter with freezing apparatus, no-	Razor, large, one side flat, with handle, in case

#### CHEMICAL SET-Continued.

Control of the Contro	1 1		
Potassium ferricyanid, K4Fe(CN)6,	0.61	Funnel tubesno_	1
3H <sub>2</sub> Ogms_	25	Funnels, glassno_	3
Potassium hydrate, KOHgms_	200	Glasses, Nessler, 50 c, cno_	1
Potassium sulphocyanate, KSCN_gms_	50	Pipe, block, tin, 9-mm for condensing	
Sodium phosphate, dry, Na <sub>2</sub> HPO <sub>4</sub> -gms.	50	distilled watermeters_	1
Sodium hydrate, NaOHgms_	200	Pipettes, 10 c. cno_	1
Sodium thiosulphate, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> 5H <sub>2</sub> O,	1	Pipette, 25 c, c	y P
gms_	100	Pipette, 10 c. c., graduatedno_	13
Stannous chlorid, SnC122H20gms_		Platinum, crucible, 30 c. cno_	13
Uranic nitrate, UO2(NO3)26H2O_gms_		Retorts, 1-liter, stopperedno_	-
Methyl orange, NH4C14H14N3SO3_gms_		Rods, glassno_	1
Naphthylamine, C10H2NH2gms_		Spatulas or spoons, porcelainno_	
Phenolphthalein, C20H14O4gms	10	Still, copper, 2-literno_	
remortimentally office 1404		Stopcocks for rubber tubingno_	13
Apparatus.	1 1	Test glasses, footedno_	13
Apparatus.	1	Tubes, CaClno_	
Benkers, 100-200 c. cno	6	Tubes, Uno_	1
Bottles, g. s. n. m. 50, 100, 200 c. c_no_		Wash bottleno_	13
Burettesno		Watch glassesno_	
Burette clips no		Water bath for dryingno_	11
Capsules, porcelain, nest of 6nest_	1		
Capsules, porcelain, 100 c. cno_		Miscellaneous.	١
Capsules, porcelain, 250 c. cno_			
Corks, india rubber, perforateddoz_		Aluminium foilgms_	1
Crucibles, porcelain, conicalno		Copper foilgms_	2
Filters, cut, white (in packs of 100),	1	Glass, bluesq. cms_	
pkgs.	3	Iron wiregms_	5
Flasks, flat-bottomed, with lipno_		Platinum foilsq. cms_	2
Flasks, round-bottomed, long neckno_	2	Wire gauzesq. cms_	5
Flasks, Schuster's, stopperedno_		Zinc foilsq. cms_	2
Forceps, small no		Zinc, granulatedgms_	10

## 376. CONTENTS OF MEDICAL CHEST, U. S. ARMY, OLD PATTERN, $N_0$ . 1.

A list of contents is stamped on morocco pad, which is carried reversed, under the cover of chest.

Contents of Tray.		FRONT OF TRAY.	
LEFT OF TRAY.		TABLETS IN 15 C. C. BOTTLES.	
TABLETS IN 120 C. C. BOTTLES.		Acidum arsenosummgm_ Argenti nitras fususgms_	1 15
Acetanilidummgms_	200	Capsicummgms_	32
Camphora et opium		Cupri arsenismgm_	0. 32
Carminativa		Digitalis tincturac. c.	0.8
Cathartica composita		Ferri compositæ	
Copaibæ composite		Hydrargyri iodidum flavum,	
Ipecacuanha et opiummgms_	324	mgms_	10
Linimentum rubefacions		Ergotinummgms_	130
Magnesii sulphas, in bulk (2		Oleum tigliic, c_	0.00
botts.)		Podophylli resinamgms_	16
Mistura glycyrrhize comp		Santoniummgms_	32
Potassii bromidummgms_	324	And 2 empty bottles.	
Quininæ sulphas (2 botts.),		1	
mgms_	200	li l	
Sodii bicarbonasmgms_	324		
Sodii bicarb, et mentha pip		li l	
Sodii salicylasmgms_	324	li . \	

## CONTENTS OF MEDICAL CHEST, U. S. ARMY, OLD PATTERN, No. 1—Continued.

Contents of Tray—Continued.		Nitroglycerinummgm_	0.6
BACK OF TRAY.		Quininæ hydrochlorasmgms_ And 1 empty bottle.	32
IN 235 AND 475 C. C. BOTTLES.		OPHTHALMIC DISKS.	
Alcoholbott_	1	Atropinæ sulphas, 0.13-mgm.,	
Aqua ammonia:bott_	i	50 in boxbox_	1
Chloroformumbotts_	$\tilde{2}$	Physostigminæ sulphas, 0.0324-	-
leum terebinthinebott_	1	mgm., 50 in boxbox_	1
Spiritus frumentibott_	1		
Spiritus vini gallicibotts_	2	MISCELLANEOUS.	
CENTER OF TRAY.		Caustic holder, rubberuo_	1
		Corkscrew, foldingno_	1
Envelopes, small, for tablets_no_i	100	Medicine droppersno_	2
Graduate glass, 60 c. cno_	1	Pencil, indelibleno_	1
Labels for vialsno_' Measure, graduated, 5 c. cno_	50 1	Pencil, indelible, leads forno_ Pencils, camel's-hairno_	6 12
Dintment boxes, in nests of		Syringe, hypodermicno_	'n
threenests_	4	Thermometer, clinicalno_	i
Pocket storeno_	ī	Tongue depressorno_	ī
Cumblerno	1		
Vials, 60 c. cno_	10	DRAWER No. 2.	
RIGHT OF TRAY.		Bandages, suspensoryno_	5
40		Flannel, redmeter_	1
TABLETS IN 60 C. C. BOTTLES.		Jute, or equivalent, in 100-gm.	
cidum boricummgms_	324	packagespkgs_ Syringe, rubber, self-injecting _no_	4 1
Acidum tannicum	324	Syringe, rabber, self-injecting ind	
Coniti tineturac. c.	0.1	DRAWER No. 3.	
Mumenmgms_	324	:	
Ammonii chloridi trochisci		Book, prescriptionno_	1
Antipyrinummgms_	324	Forceps, dressing, for removing	_
Bismuthi subnitrasmgms_	324	cottonno_	1
'hloralmgms_	324	Index of Medicine (Carpenter),	,
Iydrarg, chl. mite cum sodii bicarb		Plaster, blisteringmeter_	1 1
lydrargyri massamgms_	324	Plaster, mustardmeters_	4
pecacuanhamgms_	65	Reagent caseno_	ĩ
lorphine sulphasmgms_	8	Scissorsno_	1
)piummgms_	65	Spatulano_	1
henacetinummgms_		Spoon, teano_	1
Plumbi acetasmgms_	130	Stethoscope, h. rno_	1
Potassii chlorasmgms_ Potassii iodidummgms_	324 324	Syringes, p., h. rno_	5
alol mgms_	324	Syringe, p., g., in wooden case,	3
inci sulphasmgms_	324	Tags, diagnosisbook_	ĭ
And 1 empty bottle.		Towelsno_	2
Contents of Drawers.		Drawer No. 4.	
Drawer No. 1.		Beef extract, in 100-gm. tins,	5
HYPODERMIC TABLETS.		Jute, or equivalent, 100-gm.	6
Apomorphine hydrochloras,		Drawer No. 5.	
mgms_	9		
Atropine sulphasmgm_	0, 65	Bandages, roller, assortedno_	30
'ocaina hydrochlorasmgms.	10	Cotton, absorbent, 100-gm.	
Digitalinumngm_ Norphinæ sulphasmgms_	1 8	packagespkgs_	4 225

#### CONTENTS OF MEDICAL CHEST, U. S. ARMY, OLD PATTERN, No. 1-Continued.

Contents of Drawers—Cont'd.	DRAWER No. 7.	
DRAWER No. 6.  Æther, in 100-gm, tinstins. Candles	Gauze, plain, 2-meter pack- agespkgs. Lint, absorbent, 100-gm. pack agespkgs. 6 4 4	4

### 377. CONTENTS OF SURGICAL CHEST, U. S. ARMY, OLD PATTERN,

A list of contents is stamped on morocco pad, which is carried reversed, under the cover of the chest.

Contents of Tray.		Ligature, catgut, sterilizedspools	
		Ligature, silkworm gutcoil	
TABLETS IN 120 C. C. BOTTLES.		Ligature, silkgms	
	1	Needles, thread, etc., in casecase	
cidum boricummgms_	324	Pencil, indelible, leads forno	
ntisepticbotts_	2	Pins, commonpaper	
latharticæ compositæ		Pins, safety, assorteddoz_	
)piummgms_	65	Speculum for ear and noseno	
otassii bromidummgms_	324	Tapepiece	
		Tape measureno	
IN 235-GM. BOTTLES.		Tourniquet (Esmarch's)no	-
Acidum carbolicumbott_		DRAWER No. 2.	1
hloroformumbotts_		Case, tooth-extractingno	
Slycerinumbott_		Cotton, absorbentpkgs	
Dpii tineturabott		Drainage tubes, rubbermeters	
piritus frumentibotts_	2		
	1	Links, split, for pack saddleno	
MISCELLANEOUS.		Plaster, adhesive, 15-mmspools	
		Plaster, adhesive, 30-mmspool	
Ether, in 100-gm. tinstins_	5	Sponges, in bagsbags	-
Bucket, folding, canvasno_		Syringe, fountainno	3
Catheters, flexibleno_	6	Tags, diagnosisbook	-
lorks, for æther cansno_	6	71	ш
lorks, extra, for bottlesno_		Drawer No. 3.	1
Dressing paperroll_		Bandages, rollerdoz	
celt for splintspieces_		Bandages, suspensoryno	
Muslinmeters_		Beef extract, in 100-gm, tintin	
etrolatumkilo_		Brush, shavingno	
Pocket case, asepticno_		Cotton, absorbentpkgs	
Razor stropno_		Measure, graduated, 5 c. cno	
Cumblerno	1	Medicine-measuring glassno	
William Presentation of the Control	1	Needle, sailno	
Contents of Drawers.		Needle holder (Tiemann's)no	
Contents of Drawers.		Needle, upholsterer'sno	-
DRAWER No. 1.		Pencil, indelibleno	-
Duawan No. 1.	1	Plaster, isinglassmeters	-
Bandage, rubberno_	1	Razor no	
Brush, nailno	1	Scissorsno	
auze, plain meters	2		
		Surgery, operative (Smith's)copy	7
logglesno_ odoform sprinklerno_		Syringes, p., h. r no	

## CONTENTS OF SURGICAL CHEST, U. S. ARMY, OLD PATTERN, No. 2—Continued.

Contents of Drawers—Continued.		Jute, or equivalent, 100-gm. packages, pkgs_
DRAWER No. 4.		Lantern, smallno
Bandages, flannelno_ Bandages, rollerdoz_	4	DRAWER No. 6.
Emergency case, completeno_	ī	Bandages, rollerno_
Drawer No. 5.		Hæmostatic forceps, in caseno_ 1: Towelsno_
Gauze, plainmeters_	4	Trays, for instrumentsno_

#### 378. MEDICAL AND SURGICAL CHESTS, PATTERN OF 1898.

This set consists of medical chest No. 1; medical chest No. 2; surgical chest No. 1; surgical chest No. 2; sterilizer chest, and Maignen filter.

#### (a) Contents of Medical Chest (No. 1).

TOP DRAWER.		Potassii arsenitis liquorbott_ 1
LEFT.		Potassii permanganasbott_ 1
* ***		Salol, tabletsbott_ 1
In 120 c. c. bottles.		Sodii borasbott_ 1
	_	Veratri viridis tincturabott_ 1
Ammonii chloridi trochiscibott_ Camphorabott_	1	Zinci sulphas, tabletsbott_ 1
Glycyrrhizæ mist. comp., tablets _bott_	ī	SMALL DRAWER AT RIGHT OF LOWER
Linimentum rubefaciens, tablets_bott_	î	DRAWER.
Pilulæ carminativæbott_	î	2 411 11 2411
Pilulæ catharticæ compositæbott_	î	In 15 c. c. bottles.
Potassii bromidum, tabletsbott_	î	In to c. c. bottles.
Quinine sulphas, pillsbott_	î	Acidum arsenosum, tabletsbott_ 1
Sodii bicarbonas, tabletsbott_	î	Aconiti tinctura, tabletsbott_ 1
Sodii bicarb, et mentha pip., tablets,	-	Aloini pilulæ compbotts_ 2
bott	1	Ammonii carbonasbott_ 1
Sodii salicylas, tabletsbott_	î	Argenti nitras, in crystalsbott_ 1
Warburg's tincture, pills (1 pill = 1	•	Argenti nitras fususbott_ 1
drachmbott_	1	Caffeina citrata, tabletsbott_ 1
dracumoott_	1	Cannabis indicæ tinctura, tablets_bott_ 1
Prove		Capsicum, tabletsbott_ 1
RIGHT.		Cocainse hydrochloras, hypod.
In 60 c. c. bottles.		tabletsbott_ 1
in oo c. c. bottles.		Codeina, tabletsbott_ 1
A 13 A	-	Cupri arsenis, tabletsbotts_ 2
Acidum tannicumbott_	1	Digitalis tinctura, tabletsbotts_ 2
Antipyrinum, tabletsbott_	i	
Bismuthi subgallasbott_	1	
Bismuthi subnitrasbott_	i	
Chloralbott_		Hydrarg, chlor, mite cum sodii
Collodiumbott_	1	bicarb., tabletsbotts_ 3
Ferri chloridi tincturabott_	1	Hydrarg. iodidum flavum, tablets,
Hydrargyri massa, tabletsbott_	1	bott_ l
Iodumbott_	1	Hyoscyami pilulæ compositæbott_
Ipecacuanha, tabletsbott_	1	Ichthyolumbott_ 1
Ipecacuanha et opium, tablets bott.:	1	Mentholbott_ 1
Morphinæ sulphas, tabletsbott	1	Oleum tiglii, tabletsbott_ 1
Phenacetinum, tabletsbott_,		Opii pilulæbotts_ 2
Pilulæ camph. et opiibott_	1	Plumbi acetas, tabletsbotts_ 2

#### MEDICAL AND SURGICAL CHESTS, PATTERN OF 1898-Continued.

SMALL DRAWER AT RIGHT OF LOWER DRAWER—Continued.		SMALL DRAWER AT RIGHT OF UPPER DRAWER.
Podophylli resina, tabletsbott_ Quininæ hydrochlorosulphas, hypod.	1	Hypodermic tablets, 5 c. c. botts.
tabletsbott_	1	Apomorph. hydrochlorasbott_
Strychninæ sulphas, tabletsbott_	1	Atropinæ sulphasbott_
Sulphonal, tabletsbott_	1	Cocainæ hydrochlorasbott
Zinci oxidumbott_	1	Digitalinumbott_
	1100	Hyoscinæ hydrobromasbott_
REAR COMPARTMENTS.		Morphinæ sulphasbott_
		Nitroglycerinumbott_
Four tin cans,		Strychning sulphastubes_
		Amyl nitris (5-drop pearls), 12 in
Magnesii sulphaskilos_		boxbox_
Dleum riciniliters_	21	Clinical thermometersno_
Potassii et sodii tartraskilos_	21	Hypodermic syringeno_
Sinapis nigrakilos_	11	Hypodermic syringe, extra needle
Acidum nitricum, 30-c. c., in wooden		forno_
casebott	1	Hypodermic syringe, extra wires for,
Bandages, gauze, 3 sizesno_		bdle_
Bandages, suspensoryno_	4	Medicine droppersno_
Belladonnæ emplastrum, in 2-meter		Pencils, camel's-hairno_
tintin_	1	Pencil, indelibleno_
Cantharidis emplastrum, in 1-meter		Pencil, indelible, leads forbox_
tinno_	1	
Jauze, sublimatedpkgs_	6	LOWER DRAWER.
Plaster, adhesive, 1-inspool_	1	
Plaster, isinglasstin_		LEFT,
Pocket caseno_	1	
Sinapis emplastrum, in 4-meter		In 250 c. c. bottles.
tiustins_		200
sponges, compressed, cottonbox_	1	Acidum carbolicumbott_
Syringes, penis, glassno_	6	Acidum sulph. aromatbott_
Tooth-extracting case *no_ Vials, 1-doz. 30 c. c., 1-doz. 60 c. c.,	1	Aether spiritus compositusbott_
		Aether spiritus nitrosibott_
doz_	2	Alcoholbott_
		Ammoniae aquabott_
CENTER OF DRAWER.		Ammonie spirit, aromatbott_
	1	Brandybott_
Alcohol lampno	1	Glycerinumbott_
Corkscrewno_	1	Oleum terebinthinebott_
lorks for vialsdoz_		Squibbs mixturebott_
Supno.	1	Tinetura opii camphoratabott_
Envelopes for tabletsgross_	1	Probangsno_
Abels for vials doz.  Measures, graduated glass, 100 c. c.  (in case) no	2	Sponge holders for throatno_
(in case)no_	1	RIGHT.
Medicina glass (in cnp)no_	1	
Paper, filteringpack_	1	Atomizers, handno_
Paper, litmusbook_	1	Copaibæ pilulæ compbotts_
Pill boxes, smalldoz_		Speculum, rectalno_
Spatulano_	1	Stethoscope, doubleno_
l'ongue depressorno_ Urinomèter (in case)no_	1	Test tubesno_
Prinometer (in case) no	1	Tape measureno_

<sup>\*</sup>Six dental forceps and one elevator in chamois-lined canvas or leather case.

#### MEDICAL AND SURGICAL CHESTS, PATTERN OF 1898-Continued.

(b) Contents of Medical Chest (No. 2).

Upper Drawer.		Bismuthi subgallas, in 250-gm. botts.	2
Page mulhom hot muter 110	2	Bismuthi subnitras, in 500-gm. botts.	-
Bags, rubber, hot-waterno_ Bag, rubber, ice for headno_	ĩ	botts.	6
Bougies and catheters, 6 of each in box,	. 1	Capsicum, 32-mgm. tablets (150 in	٠
box	1	bott.)botts_	4
Thermometerno	i	Hydrargyri chloridum mite cum sodii	-
	6		
Towelsno_	3	bicarb., tablets (200 in bott.)_botts_	6
Trusses, singleno_	3	Ipecacuanhæ et opii, pulvis, 324-	
	l i	mgm. tablets (200 in bott.)bott_	1
Lower Drawer.	1	Morphinæ sulphas, 8-mgm. tablets	
20"2" 2""	l i	(100 in bott.)botts_	6
Blank bookno_	1	Phenacetinum, 324-mgm. tablets (200	
Hygiene, Notter and Firthno.	î	in bott.)botts_	2
Medicine Desertion of Orlean	i	Pilulæ camphoræ et opii, or tablets	
Medicine, Practice of, Oslerno_		(200 in bott.)botts_	4
Surgery, Operative, Zuckerkandlno_	1	Pilulæ catharticæ compositæ, or	
Therapeutics, Hareno_	1	tablets (200 in bott.)botts_	6
Tropical Diseases, Mansonno_	1	Podophylli resina, 16-mgm. tablets	•
Wounds in War, Stephensonno_	1	(100 in bott.)botts_	
· -			7
Dava (losen a programa)	1	Potassii bromidum, 324-mgm. tablets	
REAR COMPARTMENT.	1	(500 in bott.)botts	2
		Quininæ sulphas, 200-mgm. pills (500	_
Pump, surgicalno_	1 :		6
Acidum tannicum, in 25-gm. botts.		Strychninæ sulphas, 1-mgm. tablets	
botts_	4	(500 in bott.)botts	2
Antipyrinum, 324-mgm. tablets (200		Sulphonal, 324-mgm. tablets (200 in	
in bott.)botts_	2	bott.)bott_	1
<i>'</i>	ļ	i	
	may	be packed in the drawers.	1
Cover, canvas, for chest		· ·	1
Cover, canvus, for chest(c) Contents of		gical Chest (No. 1).	1
Cover, canvas, for chest		gical Chest (No. 1).	1
Cover, canous, for chest(c) Contents of		gical Chest (No. 1).	1 4 1
Cover, canous, for chest(c) Contents of		pins, safetydoz	4 1 1
Cover, canvas, for chest(c) Contents of Top Drawer.		pins, safetydoz	
Cover, canvas, for chest(c) Contents of  Top Drawer.  LEFT.		gical Chest (No. 1).  Pins, safetydoz Scissorsno.	1
Cover, canvas, for chest(c) Contents of Top Drawer.			1
Cover, canvas, for chest(c) Contents of  Top Drawer.  LEFT. In 120 c. c. bottles.	Sur		1
Cover, canvas, for chest	Sur		1
Cover, canvas, for chest	Sur	Pins, safetydoz_Scissorsno_Soap, green, in tinlb_Tags, diagnosispkgs_  SMALL DRAWER AT RIGHT OF UPPER DRAWER.	1 5
Cover, canvas, for chest	Sur 2 1 1	pins, safety	1 5
Cover, canvas, for chest	Sur 2 1 1 1 1	pins, safetydoznononono	1 5
Cover, canvas, for chest	Sur 2 1 1 1 1 1 1	Pins, safety	1 5
Cover, canvas, for chest (c) Contents of  TOP DRAWER.  LEFT.  In 120 c. c. bottles.  Hydrarg, bichlor., tabletsbotts. Petrolatum bott. Pil. camph. et opii bott. Pil. cath. comp bott. Salt, table bott.	Sur 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pins, safety	1 5 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1	Pins, safety	1 5
Cover, canvas, for chest (c) Contents of  TOP DRAWER.  LEFT.  In 120 c. c. bottles.  Hydrarg, bichlor., tabletsbotts. Petrolatum bott. Pil. camph. et opii bott. Pil. cath. comp bott. Salt, table bott.	Sur 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pins, safety	1 5 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1	Pins, safety	1 5 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1	Pins, safety	1 5 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1	Pins, safety	1 5 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1 1	Pins, safety doz. Scissors no. Soap, green, in tin lb. Tags, diagnosis. pkgs.  SMALL DRAWER AT RIGHT OF UPPER DRAWER.  Pencil, indelible no. box. Syringe, hypodermic no. Thermometer, clinical no. Wire, silver coil.	1 5 1 1 1
Cover, canvas, for chest  (c) Contents of  Top Drawer.  Left.  In 120 c. c. bottles.  Hydrarg, bichlor., tabletsbotts. Petrolatumbott. Pil. camph. et opiibott. Pil. cath. compbott. Quin. sulph. 200-mgm. pillsbott. Salt, tablebott. Normal saline sol., tabletsbott. In Paper Packets.  Ligature, catgut, Nos. 1, 2, and 3_no	2 1 1 1 1 1 1	pins, safety	1 5 1 1 1
Cover, canvas, for chest  (c) Contents of  Top Drawer.  Left.  In 120 c. c. bottles.  Hydrarg, bichlor., tabletsbotts. Petrolatum bott. Pil. camph. et opii bott. Pil. cath. comp bott. Salt, table bott. Sodii carbonas, tabletsbott. Normal saline sol., tabletsbott.  IN PAPER PACKETS.  Ligature, catgut, Nos. 1, 2, and 3no. Ligature, silk, Nos. 1, 2, and 3no.	2 1 1 1 1 1 1 1 1 1 100		1 5 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	pins, safety	1 1 1 1 1 1 1
Cover, canvas, for chest  (c) Contents of  Top Drawer.  Left.  In 120 c. c. bottles.  Hydrarg, bichlor., tabletsbotts. Petrolatum bott. Pil. camph. et opii bott. Pil. cath. comp bott. Salt, table bott. Sodii carbonas, tabletsbott. Normal saline sol., tabletsbott.  IN PAPER PACKETS.  Ligature, catgut, Nos. 1, 2, and 3no. Ligature, silk, Nos. 1, 2, and 3no.	2 1 1 1 1 1 1 1 1 1 100	Pins, safety doz. Scissors no. Soap, green, in tin lb. Tags, diagnosis. pkgs.  SMALL DRAWER AT RIGHT OF UPPER DRAWER.  Pencil, indelible no. box. Syringe, hypodermic no. Thermometer, clinical no. Wire, silver coil. Hypodermic Tablets.  In 5 c. c. bottles.  Apomorphine hydrochloras bott. Atropine sulphus bott. Cocaine hydrochloras bott.	1 5 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pins, safety	1 1 1 1 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1 1 1 1 1 1 2 80	Pins, safety doz. Scissors no. Soap, green, in tin lib. Tags, diagnosis. pkgs.  SMALL DRAWER AT RIGHT OF UPPER DRAWER.  Pencil, indelible. no. Pencil, indelible, leads for no. Thermometer, clinical no. Wire, silver coll.  HYPODERMIC TABLETS.  In 5 c. c. bottles.  Apomorphine hydrochloras bott. Atropine sulphas bott. Nitroglycerinum bott. Nitroglycerinum bott.	1 1 1 1 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	pins, safety	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Cover, canvas, for chest	2 1 1 1 1 1 1 1 1 1 1 2 2 2 1 1 1 1 1 1	Pins, safety doz. Scissors no. Soap, green, in tin lib. Tags, diagnosis. pkgs.  SMALL DRAWER AT RIGHT OF UPPER DRAWER.  Pencil, indelible. no. Pencil, indelible, leads for no. Thermometer, clinical no. Wire, silver coll.  HYPODERMIC TABLETS.  In 5 c. c. bottles.  Apomorphine hydrochloras bott. Atropine sulphas bott. Nitroglycerinum bott. Nitroglycerinum bott.	1 1 1 1 1 1 1

# MEDICAL AND SURGICAL CHESTS, PATTERN OF 1898—Continued. Contents of Surgical Chest (No. 1)—Continued.

	Strop, razorno_ Towels (in sterilizer)no_	1 6
		l
	REAR COMPARTMENT.	
	Randages gange 91/ 3 31/ in no	36
	Case field operating	1
	Cotton absorbant in 1-or neckage	1 *
8_ 3		36
		1 -
		1
	age place	12
( a	Gauge sublimated in 1 motor posts	12
	uge phone	36
	Sponges cotton compressed large	30
	sponges, totton, tompressed, large	12
( i :	Tourniquet mubbane (Formula)	1
<u>'-</u>   '	10urnaquet, ruobers (Emarch 8)Bo_	1
		. 1
	Gauze, sublimated, in 1-meter pack-	
6	agepkgs_	40
	REAR COMPARTMENT.	
	Five tin cans.	
-	Alcoholliters	21
	Teakilo	- 1
		21
		21
	Sugar , kilos	14
-  4	Cotton, absorbent, in 1-oz, package	- 2
		32
1	Gauge, wire pieces	8
50	Splints, wooden, veneer no	9
4		-
. 12	in boxdoz_	20
١ :		
		_ 1
nts of	Sterilizer Chest.	
	Lower Drawer.	
	LEFT.	
	Upper part of petroleum storeno.	. 1
o_' 3	RIGHT.	1
o_ 24	1	
s_  2	Sterilizer (Arnold's)no.	.; ]
	Matches, safetyboxes.	- 6
	Wickspkg	.: 1
0 1	REAR COMPARTMENT.	
l	Revesfeld filter	1
1	Con for nated ann	i i
0_ 1	Can for waterno	i
		., .
	Dipperno	
	500 1 1 500 2 2 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Towels (in sterilizer)

#### MEDICAL AND SURGICAL CHESTS, PATTERN OF 1898-Continued.

(f) Maignen Filter.

#### 379. MEDICAL AND SURGICAL CHESTS, PATTERN OF 1900.

This set consists of United States Army regimental medical chest, United States Army regimental surgical chest, United States Army regimental sterilizer chest, box of surgical dressings, and Maignen filter.

## (a) Contents of U. S. Army Regimental Medical Chest.

LEFT-TRAY.		In 10 c. c. bottles.	
Atomizer, handno_	1	Apomorphine hydrochloras, 6-mgm.	
Bags, rubber, hot-waterno_	2	tabletsbott_	1
Blank bookno_	1	Atropinæ sulphas, 0.65-mgm. tablets,	
Corkscrewno_	1	bott_	1
Cups, tin, nestedno_	2	Cocainæ hydrochloras, 10-mgm. tab-	
Envelopes for tabletsno_	500	letsbott_	1
Labels for vialsno_	50	Digitalinum, 1-mgm. tabletsbott_	1
Measure, glass, graduated, 100 c. cno_	1 1	Hyoscinæ hydrobromas, 0.65-mgm.	
Medicine glass, in caseno_	1	tabletsbott_	1
Mortar and pestle, porcelain, small_no_	1	Nitroglycerinum, 0.65-mgm. tablets,	_
Ointment boxes, wood, 3 in nest,		bott_	1
nests_	8	Quinina hydrochlorosulphas, 65-	
Pencils, leadno_	2	mgm, tabletsbott_	1
Spatulano_	1	One tube each of the above hypoder-	
Stethoscope, doubleno_	1	mic tablets, except Quininæ hydro-	
Syringe, h. r., 60 c. cno_	1 '	chlorasulphastubes_	8
Tape measureno_	1	Amyl nitris, pearls, 1 dozen in box,	
Teaspoonno_	1	box.	1
Thermometer, bathno_	1	Medicine droppersno_	6
Tougue depressorno_	1,	Paper, litmusbook_	1
Trusses, singleno_	3	Pencils, camel's-hairno_	12
Tubes, lavageno_	2	Syringes, hypodermicno_	2 4
Washers, rubber, extra, for cans_box_	1	Syringes, hypodermic, needles for_no_	2
To 00 a secondad the same	,	Test tubes, in nests of 3nests_ Thermometer, clinicalno	4
In 80 c. c. enameled tin cans.	l i	Wrench, for opening tin containers_no_	i
Acidum arsenosum, 1-mgm. tablets,	l i	wrench, for opening till containers_no-	•
Actuum arsenosum, 1-mgm. morets,	1	LEFT-BOTTOM.	
Argenti nitras, conescan_	î	meri-Bollom.	
Caffeina citrata, 65-mgm, tablets_can_	î	In 1-kilo enameled tin caus.	
Codeina, 32-mgm. tabletscan_	î	The T-many Characters than Canas.	
Colchicum, ext. fl., 0.065 c. c. tablets,	` 1	Magnesii sulphascans_	2
can_	1	Potassii et sodii tartrascan_	ī
Cupri arsenis, 0.325-mgm. tablets_can_	i		
Digitalis tinctura, 0.3 c. c. tablets_can_	ī.	In 350 c. c. enumeled tin cans.	
Guaiacolis carbonas, 324-mgm, tab-			
letscan_	1	Ammonii chloridi trochiscican_	1
Oleum tiglii, 0.006 c. c. tabletscan_	1	Antiseptic tabletscan_	1
Pil. aloini comp., tabletscan_	1	Bismuthi subgallascan_	1
- '		Bismuthi subnitrascan_	1
DRAWER, FRONT OF LEFT TRAY.	i i	Ipecacuanhæ et opii pulvis, 324-mgm.	
		tabletscan_	1
HYPODERMIC TABLETS.		Petrolatumcan_	1
In 15 c. c. bottles,		Phenacetinum, 324-mgm. tablets_can_	1
35 11		Pilula camphora et opii, tabletscan_	,
Morphina sulphas, 8-mgm. tablets,		Pilulae catharticae comp., tabletscan_	;
hott.	1	Pil. copaibe comp., tabletscan_	
Strychnine sulphas, 1-mgm. tablets, bott_	1	Potassii bicarbonas, 324-mgm. tablets.	1
pott_	1 1:	can_l	1

#### MEDICAL AND SURGICAL CHESTS, PATTERN OF 1900—Continued.

LEFT—BOTTOM—Continued.		In 150 c. c. enameled tin cans.	
Potassii iodidum, 324-mgm. tablets_can_ Quininæ sulphas, 200-mgm. tablets,	1	Warburg's tincture, tablets (1 tablet= 4 c. c.)can	1
cans_ Sodii bromidum, 324-mgm. tablets_can_ Sodii salicylas, 324-mgm. tabletscan_	3 1 1	In 80 c. c. enameled tin cans.	
Sulphonal, 324-mgm. tabletscan_ Towels, handno_ Pill tile, hard-rubberno_	1 6 1	Plumbi acetas, 130-mgm. tabletscan_ Podophylli resina, 16-mgm. tablets.can. Rhamni purshinæ, ext., 130-mgm. tabletscan_	1 1
RIGHT—TRAY.		Zinci sulphas, 324-mgm. tabletscan_	î
In 150 c. c. enameled tin cans.		RIGHT-ВОТТОМ.	
Acidum boricum, 324-mgm. tablets,	1	In 250 c. c. bottles.	
Acidum tannicum, 324-mgm. tablets,			
can. Antipyrinum, 324-mgm. tabletscan. Chloral, 324-mgm. tabletscan. Glycyrrhize mistura composita tab- lets (1 tablet=4 c. c.)can. Hydrargyri chloridum mite cum sodii bicarb. tabletscan. Hydrargyri iodidum flavum, 10-mgm. tabletscan. Hydrargyri iodidum flavum, 10-mgm. tabletscan. Unimentum rubefaciens, tabletscan. Opii tinctura camphorata, tablets (1 tablet=4 c. c.)can. Pilulæ carminativæ, tabletscan. Pilulæ carminativæ, tabletscan. Sodii bicarbonas, 324-mgm. tablets.can. Sodii bicarbonas et mentha pip., tabletscan. Sodii bicarbonas et mentha pip., tabletscan.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Acidum sulphuricum aromaticum bott.  Ætheris spiritus nitrosi bott. Ammoniæ spiritus aromaticus bott. Glycerinum bott. Oleum terebinthinæ bott. Extra corks (for 250 c. c. botts) no. Acidum nitricum, in 30 c. c. bottle in wooden case bott.  Alcolia burners, filled no. Corks (for 30 c. c. and 60 c. c. visis) no. Emplastrum belladonnæ, in 2-meter tin tins. Emplastrum sinapis, in 4-meter tin, Emplastrum sinapis, in 4-meter tin, Syringe, p. glass in wooden case no. Vials, empty, 30 c. no.	1 1 1 1 1 6 1 6 48 2 1 2 6 12 12 12
(b) Contents of U. S. A	Army	Regimental Surgical Chest.	
LEFT-TRAY.		DRAWER, LEFT SIDE, LEFT TRAY.	
Corkscrewno_ Fuseesboxes_	1 6	HYPODERMIC TABLETS.	
Ligatures, catgut, Nos. 1, 2, and 3_no_ Ligatures, silk, Nos. 1, 2, and 3no_		In 15 c. c. bottles.	
Pencils, leadno_ Pins, commonpapers_	6 2	Morphina sulphas, 8-mgm. tablets,	1
Pins, safetydoz_	8 6	Strychnina sulphas, 1-mgm. tablets, bott_	1
Pins, safetydoz_ Plaster, adhesive, 2½ cms. wide_spools_ Plaster, isinglass, in 1-meter tintin_	1	In 10 c. c. bottles.	1
Sponge holders, for throatno_	2	Apomorphine hydrochloras, 6-mgm.	
Sprinkler, iodoform, filledno_ Tubes, drainage, 0.6 and 1 cm.; of each ½ meter in envelopeenvel_		tabletsbott_ Atropinæ sulphas, 0.65-mgm. tablets, bott_	1

# MEDICAL AND SURGICAL CHESTS, PATTERN OF 1900—Continued. Cotents of U. S. Army Regimental Surgical Chest—Continued.

DRAWER, LEFT SIDE, LEFT TRAY-		Speculum, rectalno_	:
Continued.		Tourniquets (Esmarch's)no_	2
Cocainæ hydrochloras, 10-mgm. tab-	_	Towels, handno_	•
letsbott_ Digitalinum, 1-mgm. tabletsbott_	1	In 350 c. c. enameled tin cans.	İ
Digitalinum, 1-mgm. tabletsbott_	1		١.
Nitroglycerinum, 0.65-mgm. tablets,	_	Antiseptic tabletscan_	] ]
bott_	1	Normal saline solution, tabletscan_	[ ]
Quininæ hydrochlorosulphas, 65-		Petrolatumcans_	2
mgm. tabletsbott_	1	Sodii carbonas, 2-gm. tabletscan_	1
One tube of each of the above hypo-		Cotton, absorbent, 1-oz. packages_pkgs_	8
dermic tablets, except Quin. hydro-		Gauze, sublimated, 1-meter packages,	l
chlorosulphastubes_	7	pkgs_	12
Syringe, hypodermicno_	1	RIGHT-TRAY.	1
Syringe, hypodermic, extra needles		D. 1	١
forno_	2	Bandages, gauze, 2½ and 3 inno_ Blank bookno_	54
forno_ Thermometers, clinicalno_	4	Blank bookno-	1
Wire, silvercoil_	1	Flushing bags with tubeno_	
, ,		Inhaler, chloroformno_	1
LEFT-BOTTOM.		Surgery, Zuckerkandlcopy_	1
	_	Tags, diagnosisbooks_	4
Alcolia burners, filledno_	6		l
Bandages, suspensory, asst'dno_	4	RIGHT-Воттом.	l
Bougies and calleters, 6 of each, in box,		In 750 c. c. bottles.	
box.	1	In 750 c. c. bottles. Alcoholbotts_	2
Case, aspiratingno_	1	Brandybotts	
Case, field-operatingno_	1	i Dianaj	٠-
Case. pocketno_	1	In 250 c. c. bottles.	
Case, tooth-extracting *no_	1		
Cups, tin, nestedno_	2	Chloroformbotts_	' 8
Razorno_	1	Extra corks (for 750 and 250 c. c. bot-	
Razor stropno_	1	tles)no_	12
Cover, canvas, for chest		nono	
*Six dental forceps and one eleva	tor i	n chamois-lined canvas or leather case.	
(c) Contents of U. S. A	rmy	Regimental Sterilizer Chest.	
			_
LEFT FRONT.		Glores, rubber nairs	. 1

Splints, wire gauze	LEFT FRONT.  Berkefeld filter, with stirrup and intake tubeno 1	Glores, rubber
Tu 250 c. c. bottles.	Splints, wire gauzepieces_ 8	Alcolia burners, filledno_ 6
Tags, diagnosis   books   4		Fuseesboxes_ 6 Soap box, with soap no. 1
Alcolia, in 1-kilo tins	Tricresolbotts_ 2	Tags, diagnosisbooks_ 4
Basins, rubber, 100 4 Soap, germicidal cakes 5 Cases, rubber, for glaces, etc. 100 2 Soap, green, in 500-ym. time time. 2 Cots, finger, rubber 100 16 Tool, universal 100 100 100 100 100 100 100 100 100 10	Alcolia, in 1-kilo tinstins 2 Aprous, rubberno 3	
Cots, finger, rubberno_ 16   Tool, universalno_ 1	Basins, rubber 4	Soap, germicidalcakes_ 5
Cylinder, extra, for Berkefeld filter_no_ 1   Towels, handno_ 12		Tool, universalno. 1

Cover, canvas, for chest \_\_\_\_\_no. 1

#### MEDICAL AND SURGICAL CHESTS, PATTERN OF 1900-Continued.

#### (d) Surgical Dressings.

(Contained in wooden packing box.)

protective coverings, each 6 yards,	auze, absorbent, sterilized, in 1- meter packetspackets. 150
Bandages, gauze, sterilized, 2½-in., in protective coverings, each 6 yardsno144 Cotton, absorbent, sterilized, in 1-oz.	auze, absorbent, sterilized, sublimated, in 1-meter packets packets 4 auze, iodoform, sterilized, in 2-meter packets ponges, compressed cotton, 48 in box boxes

#### (e) Maignen Filter.

## 380. MEDICAL AND SURGICAL CHEST FOR DETACHED SERVICE, PATTERN OF 1900.

This chest was issued to a battalion or smaller organization for field use.

Right,	Syringe, bulb, or flushing bagno_ 1
	Syringe, hypodermicno_ 1
TRAY.	Thermometers, clinicalno_ 6
Aprons, rubberno_ 2	Tongue depressorno_ 1
Bands, rubberno_ 16	Tourniquet, rubber (Esmarch's)no_ 1
Basins, rubberno_ 2	Tubes, drainage, 0.6 and 1 cm.; of
Blank book, with pencilno_ 1	each 1/2 meter, in envelopeenvel_ 1
Brushes, hand scrubno_ 6	Washers, rubber, extra, for cans, in
Case, rubber, for glores, etcno_ 1	catheter boxno_ 16
Catheters, soft rubber, in boxno_ 3	
Cots, finger, rubberno_ 8	BOTTOM.
Cupno_ 1	1
Envelopes for tabletsno_150	Acidum carbolicum, crystcan_ 1
Forceps, hæmostaticno 6	Bismuthi subgallas, pulvcan_ 1
Forceps, tooth-extracting, in caseno_ 3	Bismuthi subnitras, pulvcan_ 1
Gloves, rubberpairs 2	Chloroformumbotts_ 3
Inhaler, chloroformno_ 1	Glycyrrhiza: mistura comp. (tablets),
Iodoform sprinklerno_ 1	can_ 1
Ligatures, catgut, 3 sizes, in en-	Hydrargyri chloridum mite cum sodii
velopeenvel_ 25	
Ligatures, silk, 3 sizes, in envelope,	Antiseptic tabletscan_ 1
anval 90	Hypodermic tablets*an_ 1
Medicine glassno_ 1	Try poderanie dancis and a second
Mortar and pestleno_ 1	LEFT.
Pencil, extra, for blank bookno_ 1	
Pins, commonpkgs_ 1	TRAY.
Pins, safetydoz_ 1	1
Pocket caseno_ 1	Ointment boxes, in nests of 3nests_ 8
Razorno_ 1	Plaster, rubber, adhesivespools_ 3
Razor strop no 1	Sinapis emplastrum, in 4-meter tin,
Scissorsno_ 1	tin_ 1
Soap box, with soap 10_ 1	Soap, germicidalcakes 2
Spatulano_ 1	Sponges, cotton, compressed, 4 doz.
Spoon, teano 1	in boxbox_ 1
Land to the contract of the co	11 111 11/2

<sup>\*</sup>This can contains the following: In 15 c, c, bottles—Morphine sulphas and strychnine sulphas, 1 bottle each. In 5 c, c, bottles—Apomorphine hydrochloras, atropine sulphas, cocaine hydrochloras, digitalinum, nitroglycerinum, and quinine hydrochlorosulphas, 1 bottle each.

#### MEDICAL AND SURGICAL CHEST FOR DETACHED SERVICE-Continued.

LEFT—Continued.  BOTTOM.  Bandages, gauze, 3 sizes, assorted_no_ Bandages, plaster of paris, 2-inno_		Cotton, absorbent, in 1-oz. packages, pkgs. gauze, iodoformpkgs. Gauze, sublimatedpkgs.	1 1 2
Some of the dress	ings	are packed in the tray.	
Twenty enameled or lacquered tin ca	ns, t	hree chloreform bottles.	
(Cans and chlorofor	m bo	ottles are not expendable.)	
,		• /	
Cover, canvas, for chest		no.	-
381. CONTENTS OF ME	22	CHEST, OLD PATTERN.	
581. CONTENTS OF ME	.00	onesi, deb i arrena.	
Basin, wash, hand, agate wareno_	1	Matches, in waterproof caseboxes_	Ι.
Boiler, double, agate wareno_		Meat cutter, smallno_	1
Bowls, soup, agate wareno_	6	Meat dishes, agate wareno_	1
Box for saltno_	1	Meat dishes, agate wareno_ Mill, coffeeno_	
Bowls, soup, agale wareno_ Box for saltno_ Box for pepperno_	1	Meat dishes, agate wareno_ Mill, coffeeno_ Nails, assortedkilos_	
Box for saltno_ Box for pepperno_ Brush, scrubbingno_	1 1 1	Meat dishes, agate wareno_ Mill, coffeeno_ Nails, assortedkilos_ Pan. fruing. steelno_	
Box for saltno_ Box for pepperno_	1 1 1	Meat dishes, agate wareno_ Mill, coffeeno_ Nails, assortedkilos_ Pan. fruing. steelno_	
Box for saltno_ Box for pepperno_ Brush, scrubbingno_	1 1 1 2	Meat dishes, agate wareno_ Mill, coffeeno_ Nails, assortedkilos_	
Sox for saltno_ Sox for pepperno_ Srush, scrubbingno_ An openersno	1 1 1 2 1	Meat dishes, agate ware no. Mill, coffee	
Sox for salt       no.         Sox for pepper       no.         Brush, scrubbing       no.         Jan openers       no.         Meaver       no.         Jookbook, Army       no.	1 1 1 2 1	Meat dishes, agate ware         no.           Mill, coffee         no.           Nails, assorted         kilos.           Pan, frying, steel         no.           Pans, mess, agate ware         no.           Pan, sauce, steel, tinned inside, with	
Box for salt	1 1 2 1 1 6	Meat dishes, agate ware no. Mill, coffee	
Sox for salt       no.         Sox for pepper       no.         Brush, scrubbing       no.         An openers       no.         Meaver       no.         Sokbook, Army       no.         Jups, coffee, agate ware       no.         Aup, Large, agate ware       no.	1 1 1 2 1 1 6	Meat dishes, agate ware         no.           Mill, coffee         no.           Nulls, assorted         kilos.           Pan, frying, steel         no.           Pans, mess, agate ware         no.           Pan, sauce, steel, tinned inside, with cover         no.           Plates, dinner, agate ware         no.           Pot, coffee, agate ware         no.           Pot, tea, agate vare         no.	
for for salt     no       fox for pepper     no       Brush, scrubbing     no       han openers     no       Neaver     no       lookbook, Army     no       loys, coffee, agate ware     no	1 1 2 1 1 6 1	Meat dishes, agate ware         no.           Mill, coffee         no.           Nulls, assorted         kilos.           Pan, frying, steel         no.           Pans, mess, agate ware         no.           Pan, sauce, steel, tinned inside, with cover         no.           Plates, dinner, agate ware         no.           Pot, coffee, agate ware         no.           Pot, tea, agate vare         no.	
Sox for salt     no.       Sox for pepper     no.       Brush, scrubbing     no.       Jan openers     no.       Neaver     no.       Jookbook, Army     no.       Jups, coffee, agate ware     no.       Jup, large, agate ware     no.       Jrater, nutmeg     no.	1 1 2 1 1 6 1	Meat dishes, agate wareno	1
	1 1 2 1 1 6 1 1 1	Meat dishes, agate ware         no.           Mill, coffee         no.           Nails, assorted         kilos           Pan, frying, steel         no.           Pans, mess, agate ware         no.           Pans, sauce, steel, tinned inside, with cover         cover           cover         no.           Plates, dinner, ayate ware         no.           Pot, teg, agate ware         no.           Rope, 6-mm         meters.           Sickle         no.	1
	1 1 2 1 1 6 1 1 1 1 1 3	Meat dishes, agate ware         no.           Mill, coffee         no.           Nails, assorted         kilos           Pau, frying, steel         no.           Paus, ness, agate ware         no.           Paus, sauce, steel, tinned inside, with cover         no.           Pot, coffee, agate ware         no.           Pot, tea, agate ware         no.           Rope, 6-mm         meters           Sickle         no.           Spoons, basting, agate ware         no.           Spoons, table         no.	1
	1 1 2 1 1 6 1 1 1 1 1 3	Meat dishes, agate ware         no.           Mill, coffee         no.           Nails, assorted         kilos           Pau, frying, steel         no.           Paus, ness, agate ware         no.           Paus, sauce, steel, tinned inside, with cover         no.           Pot, coffee, agate ware         no.           Pot, tea, agate ware         no.           Rope, 6-mm         meters           Sickle         no.           Spoons, basting, agate ware         no.           Spoons, table         no.	1
for for salt         no           fox for pepper         no           Brush, scrubbing         no           han openers         no           Neaver         no           Lookbook, Army         no           Lookbook, Army         no           Jup, Large, agate ware         no           Jup, Large, agate ware         no           Grader, nutmeg         no           Fridiron         no           Hatchet         no           Kettles, steel, nested, with covers         no           Kuife, butcher         no	1 1 2 1 6 1 1 1 1 1 3	Meat dishes, agate ware	1
	1 1 2 1 1 6 1 1 1 1 3	Meat dishes, agate ware         no.           Mill, coffee         no.           Nulls, assorted         kilos.           Pan, frying, steel         no.           Pans, mess, agate ware         no.           Pans, sauce, steel, tinned inside, with cover         no.           Pot, coffee, agate ware         no.           Pot, tea, agate ware         no.           Rope, 6-mm         meters.           Sickle         no.           Spoons, basting, agate ware         no.           Spoons, tea         no.	1
	1 1 2 1 1 6 1 1 1 1 3 1	Meat dishes, agate ware         no.           Mill, coffee         no.           Nails, assorted         kilos           Pan, frying, steel         no.           Pans, mess, agate ware         no.           Pans, sauce, steel, tinned inside, with cover         no.           Plates, dinner, ayate ware         no.           Pot, teg, agate ware         no.           Rope, 6-mm         meters.           Sickle         no.           Spoons, basting, agate ware         no.           Spoons, table         no.           Spoons, tea         no.           Steel         no.           Towels, crash         no.	1
Sox for salt         no.           Sox for pepper         no.           Brush, scrubbing         no.           An openers         no.           Neaver         no.           Jookbook, Army         no.           Jups, capte, agate ware         no.           Jup, large, agate ware         no.           Frater, numeg         no.           Fridiron         no.           Hatchet         no.           Kuife, butcher         no.           Kuife and fork, carving, of each         no.           Kuife and fork, combined         no.           Kuices and forks, of each         no.	1 1 2 1 1 6 1 1 1 1 3 1 1 1 6	Meat dishes, agate ware	1
	1 1 2 1 6 1 1 1 1 3 1 1 1 6 1	Meat dishes, agate ware	1

Beef extract or an equivalent preparation. Candles. Condensed milk, in original cans, 4 kilos.

Soap.
Soap.
Vinegar, in 1-liter wicker-covered bottles,
2 bottles.
Yeast powder, in ¼-kilo original cans.

Tins for the following articles:

Beans. Butter. Coffee.

Salt and pepper. Sugar (2 tins). Tea.

#### MANUAL FOR THE MEDICAL DEPARTMENT.

### 383. CONTENTS OF FIELD DESK, OLD PATTERN.

(a) Books.		(e) Blanks.	
Army Regulationscopy_	1	MEDICAL DEPARTMENT.	
Drill Regulations for the Hospital		Examination of recruits, monthly re-	
Corpscopy_	1	portno	4
Handbook for the Hospital Corps, Smart copy	1	Hospital-fund statementno_	4
Information slip bookcopy_	1	Medical property, return ofno_	2
Information slip book, desertions_copy_	1	Medical supplies, invoice of, single sheet no	
Manual for the Medical Department,		Medical appeller results for shorts	6
copy_	1	Medical supplies, receipt for, single sheetno.	0
Morning Report, Hospital Corps_copy_	1	Madical months and the model ties	6
Morning Report, sick and wounded,	1	Medical supplies, special requisition forno_Report of sick and woundedno_	8
Order and Letter bookcopy_	î	Report of sick and woundedno_	12
Register and prescription bookcopy_	î	Report of completed casesno_	12
Transfer bookcopy_	1	Return of personnel, etc., H. Cno_	- 6
Transfer bookcopy_			
(b) Stationery.	110	SUBSISTENCE DEPARTMENT.	
(a) Grationery.		Ration returns no-	12
Book, blank, 8vono_	1		
Elastic bands, assortedgross_		ORDNANCE DEPARTMENT.	
Envelopes, official, largeno_	12		-
Envelopes, official, letterno_	50	Invoicesno_	2
Envelopes, official, noteno_	25	Quarterly statementsno_	2
Eraser, steelno_	1	Receiptsno_	2
Ink, blackbotts_	2	Committee William Committee Committee of	
Ink, redbott_	1	ADJUTANT GENERAL'S DEPARTMENT.	
Inkstandsno_	2	Certificates of disabilityno	2
Mailing tubesno_	4	Descriptive listsno_	2
Pad, letterno_	1	Dischargesno_	2
Pads, prescriptionno_	4	Final statementsno_	4
Paper, blottingpieces_	4	Furloughsno.	2
Paper fastenersno_	12	Inventory of effects of deceased sol-	
Paper, writing, legal capqr_	1	diersno_	2
Paper, writing, letterqrs_	2	Muster rollsno_	8
Paper, writing, noteqr_	1	Outline-figure cardsno_	6
Pencils, leadno_	4	Pay rollsno_	12
Pens, steelno_	12	Physical examination of recruits,	
Penholdersno_	2	form forno_	6
Rubberpiece_	1	Surgeon's certificate of disability for	
Rulerno_	1	officersno_	2



#### INDEX.

Numbers in bold-faced type refer to paragraphs in this Manual; the letters A. R. and numbers following refer to paragraphs of the Army Regulations; "obs.," obsolete, or superseded by improved articles.

Abandonment of posts, 159, 160.

Absent sick from command, instructions concerning, 179, 181, 196.

Accountability for medical property, 131.

Account of sales, 188.

Accounts, 163.

for washing not done by hospital matrons, 99(a), (b), (c), (d), (e), (f).

Acetylene illuminating outfit chest, for field supply, 301.

Acting hospital steward, application for position of, 31.

small chest, 322. appointment of 37, A. R. 1595.

detail of, by chief surgeons of departments from privates of

Hospital Corps, 16. duties of, 34.

examination for position of, 32.

rank, A. R. 9.

reduction of, A. R. 1033, 1594.

Adjutant General's Department blanks, field supply, 293 (c).

in field desk, 294 (g).

Administration, sanitary, of a division in the field, 60 (e).

Aid station, regimental, in the field, 60 (a).

establishment of, 57.

Allowance of clothing for privates and acting hospital stewards, Hospital Corps, 42.

noncommissioned officers and privates of the Hospital Corps at general hospitals, arsenals, etc., A. R. 1607, privates of the Hospital Corps at permanent posts, A. R. 1606.

the Hospital Corps at permanent posts, A. R. 1605,

Allowances, contract dental surgeons, A. R. 1574.

contract surgeons, A. R. 1574.

for expenses, none can be made to persons undergoing examination for appointment, A. R. 1753.

Ambulance box, contents of, 329.

of surgical dressings, 330.

company, acting assistant quartermaster, 55 (a).

detail of line officer as quartermaster of, 23 (a).

distribution on battlefield, 60 (c).

206 INDEX.

```
Ambulance company, number of ambulances to a division, personnel of bearer company,
                        60 (a), (c).
                      personnel with transport, 60 (c).
                      portfolio ef. 331.
                      responsibilities and duties of commanding officer of, 23.
                      spare parts, etc., carried by each, 332, 333, 334, 335.
                      supply table for, 327.
                      title of senior medical officer on duty with, 17.
           Corps, blacksmith's tools, 337.
                   saddler's tools, 338.
           dressing station, equipment for, 328.
           drivers, by whom designated, duties of, 46, A. R. 1612.
           field service, independent command, 56.
           flags, A. R. 238.
           stations in the field, place of establishment, 57.
           service, A. R. 1590.
           uses of, 54, A. R. 1610.
           wagons, etc., responsibility for, 23.
Ambulances, allowance of at posts, A. R. 1611.
            transportation purposes, horses for, 46.
Amputating case, obs., 349.
Antiseptics, 141 (a).
            field supply, 290.
            general supply, 247.
Apparatus, compressed air, 283.
           restraint, 282.
           X-ray, 271, 303, 308.
                   field supply, 303, 308.
Appliances for contract dental surgeons, 341.
           general supply table, 258.
Applicants for enlistment, trained nurses or licensed pharmacists to submit certificate
  and diploma, 33 (b).
Application for position of acting hospital steward, 31.
                           hospital steward, 81.
Applications for transfer of enlisted men of the line to the Hospital Corps, notations to
  be made thereon, channels for forwarding, 44.
Appointment of assistant surgeons, A. R. 1572.
                hospital stewards, 37.
Army and Navy General Hospital, 89-97, A. R., 172, 1623-1626.
Army Medical Museum, 164, A. R. 1253.
Army Medical School, 8, 11, A. R. 542, 543, 969.
                       accountability of student officers for instruments, etc., 10 (d).
                       course of instruction, A. R. 543.
                       examination of student officers, 11.
                       hours of instruction and duration of term, 10.
                       inspection of, A. R. 969.
                       organization of, A. R. 542.
                       presence of student officers required at specified hours, 10 (a), (b).
                       proficiency of student officers to be reported to Secretary of
                         War, 11.
```

INDEX. Army Medical School, selection of student officers, A. R. 1542. those eligible as pupils at, 8. uniform of student officers during hours of instruction, 10 (e). Army Nurse Corps, 61-76. Arsenals, allowance of Hospital Corps men at, A. R., 1607. Articles, miscellaneous, for field supply, 302. general supply table, 257. Artificial limbs, 148, A. R. 1672, 1673. Artillery, battery of in field, medical department personnel of, 60 (b). Aseptic pocket case, obs., 357. Aspirating case, general supply table, 269. Assignment of medical officers, 12, 13, 14, A. R., 823. Assistant surgeon, application for appointment, how made, 2. candidates approved by army medical board, eligible for appointment for two years, 7. candidates for appointment must be examined, A. R. 1752. candidates rejected in an examination may be allowed a second, but not a third, 7. entitled to travel allowances in obeying first orders, A. R. 1753. examination for position of, 2-7. how appointed, 2. limitation of age of candidates for appointment as, 2. physical examination of candidates for appointment as, 3. qualifications of applicants for appointments, 2, 4, rank and number of, 1. surgeons of Volunteers, appointment of authorized, 1. period of service limited to two years from February 2, 1901, 1. general, rank and number of, 1. to contract dental surgeon, detail, duties, quarters, and subsistence of, A. R., 1581. how mustered, 28. Attending surgeons, assignments for one year only, 13. assignment and duties, 13, 14. expected to avail themselves of opportunities afforded for professional instruction, 13. report at end of tour, nature of, 13. to select office hour and inform officers of same, 14. Authority to enlist, when to be obtained from the Adjutant General, 226 (b). в. Bacteriological set, general supply table, 277. to be asked for on special requisitions, 122 (g). Badge of nurses (Nurse Corps), 75 (b). reserve nurses (Nurse Corps), 76 (a). Bag, obstetrical, general supply table, 268. Baggage, contract surgeon, transportation of, at public expense, A. R. 1242, 1244. Bath tubs, field supply, 295, 299. Battery of artillery, medical department, personnel of, in the field, 60 (b). Bedding, field supply, 295-297.

in general supply table, 255.

```
Bedding, reserve of, regimental hospital, 321.
         use of, 139 (a).
Births at posts, record of, 175.
                report of, 213.
Blacksmiths' tools of ambulance corps. 337.
Blank forms and records, 173, 174, A. R. 1761.
Blankets, to be examined, laundered, etc., 139 (e).
Blanks, Adjutant General's Department, contract dental surgeons, 344 (d).
                                         field supply, 293 (c).
                                         in field desk, 294(g).
        Inspector General's Department, in field desk, 294 (h).
                                          field supply, 293 (d).
        Medical Department, field supply, 298 (b).
                              for contract dental surgeons, 344 (b).
                              in field desk, 294 (c).
        in field desk, old pattern, 383 (c), (d), (e).
        Ordnance Department, contract dental surgeons, 344 (c).
                               field supply, 293(g).
                               in field desk, 294 (f).
        Paymaster General's Department, field supply, 293 (h).
                                           in field desk, 294 (i).
        Quartermaster General's Department, field supply, 293 (f).
                                              in field desk, 294 (e).
        Subsistence Department, contract dental surgeons, 344 (e).
                                 field supply, 293(c).
                                 in field desk, 294 (d).
Boards of health, to be notified of existence of contagious disease, 167.
Boats, under control of Medical Department, A. R. 1622.
Bookcases, 146.
           portable, 122(f).
Books, 156, 157.
       (dental) for general hospitals, 345 (c).
       in field desk, 294 (a).
       old pattern, 383 (a).
       record, supply depots, 161, 162.
Brigade field hospital, tentage, etc., for, 316.
        surgeons, duties of, 20.
                  of a division constitute a board for examination of physical disabilities.
                  title of the senior medical officer of a brigade, 17.
                                           C.
Cabinet for blanks to be asked for on special requisition, 122 (q).
Cadets, physical examination of, 234, 235.
       report of physical examination of, 235 (q).
       subsistence of, at Army and Navy General Hospital, 90 (a), (b).
Camps, sanitation of, 171.
Canvas for litters, 139 (i).
Capital operating case No. 1, obs., 347.
                      No. 2, obs., 347 (a).
```

```
Case, amoutating, obs., 349.
       aspirating, general supply table, 269.
       capital operating, No. 1, obs., $47.
                          No. 2, obs., 347 (a).
       compact operating, obs., 351.
       dental, post, 279.
               obs., 361.
       dissecting, obs., 372.
       emergency, 249, 303.
                   old pattern, obs., 370.
       exsecting, obs., 350.
       eye and ear, obs., 362.
       eye, general supply table, 264.
       field. obs., 352.
             operating, pattern 1898, obs., 353.
                        small, 306. .
                        obs., 354.
             surgeons, 1898 pattern, obs., 355.
       for ear, nose, and throat, general supply table, 263.
       general operating, 259, 303, 304 (b), 307.
                          obs., 348.
                          general supply table, 259.
       forceps, hæmostatic, 261, 303.
       genito-urethral, obs., 365.
       genito-urinary, general supply table, 262.
                       old pattern, obs., 366.
       gynecological, general supply table, 267.
                      obs., 368.
       hæmostatic forceps, obs., 363.
       hæmostatic forceps, general supply table, 261.
       obstetrical, obs., 368.
       of trial lenses, general supply table, 265.
                      obs., 364.
       operating, general, 259, 304 (b), 307.
                  minor, obs., 356.
       pocket, 260, 303, 304 (b), 305.
                general supply table, 260.
                aseptic, obs., 357.
                personal, obs., 35%.
                post, obs., 359.
       post-mortem, general supply table, 274.
       stomach pump, obs., 369.
       tooth extracting, 280.
       trephining, obs., 360.
       urethral, obs., 367.
 Cases on report of sick and wounded, 211, 214.
       on sick report, register number of, 183.
       record of, on register, 196.
       remaining at the end of a month, 215.
       sequence of, on report of sick and wounded. 214.
             1120----14
```

```
Casualties, list of wounded, 201.
Cavalry, squadron of, on the battlefield, personnel of medical department with, 60 (b).
Certificates of deposit, A. R. 691.
              disability, 108, 109, A. R. 151, 152, 171, 174, 192, 546, 943, 946,
Character of soldier, how to be noted on descriptive lists, 36.
Chemical set, general supply table, 278.
             obs,, 375.
Chest measurement, 230, 230 (a).
                    how given, 233 (e).
                    of cadets and cadet candidates, 285 (e).
Chest, commode, 300, 302.
       for acetylene generator, 301, 302.
       food, 292, 302.
            old pattern, obs., 382.
       mess, 302, 313.
             old pattern, obs., 381.
             large, 313.
             small, 323.
       medical and surgical for detached service, 302, 305.
                                                 1900, obs., 380.
                            pattern of 1898, obs., 378.
                                       1900, obs., 379.
       medical, regimental, 302, 304 (a).
                old pattern No. 1, obs., 376.
       mobility of, 221.
       regimental, medical, 304 (a).
                           1900, obs., 379 (a).
                  surgical, 304 (b).
                            1900, obs., 379 (b).
       sterilizer, regimental, 302, 304 (c).
                 obs., 378 (e).
       surgical, old pattern, No. 2, obs., 377.
                regimental, 302, 304 (b).
Chevrons, indicating service, number to be issued to enlisted men of the Hospital Corps,
Chief nurses, assignment of, 61, 65, 73 (b).
             assistants to, 73 (d).
             duties of, 62, 73.
             efficiency of, 74(a).
             pay and allowances of, 61, 67 (a).
      surgeon (corps) records to be kept by, 18.
                      responsibilities and duties of, 18.
              authority for enlistments and reenlistments of privates and acting hos-
                pital stewards specified, 33.
              inspection of posts by, A. R. 1671.
              of department, A. R. 214.
                departments, authority of with respect to Hospital Corps, 16.
                                                                   fund, 16.
                              duties of. 16.
                              record books kept by, 16.
```

Chief surgeon of departments to act in emergency, 126.

on applications for inspection of unserviceable medical property and on reports of same, 16.

applications for sick leave and furloughs, 16. certain accounts, 16.

estimates for construction and repair of hospitals and hospital stewards' quarters, 16.

requisitions for supplies and in emergencies to authorize local purchase, 16.

advise department commanders on all sanitary matters, 16.

detail privates of Hospital Corps as acting hospital stewards, 16.

examine monthly reports of sick and wounded and compile statistics therefrom, 16.

make monthly returns of personnel of medical department, 16, A. R. 1670.

recommend discharges on surgeon's certificate of disability, 16.

recommend transfers of members of the Hospital Corps, 16.

report unauthorized use of medical property, 16.

test efficiency of Hospital Corps, 16. title of the senior medical officer of an army corps, 17.

Cholera, appearance of, at post or station, 166.

Civil hospitals, medical attendance in, A. R. 1660.

practice by medical officers prohibited, 118.

Civilian attachés defined, 213.

employees, medical supplies for, A. R. 1638.

of Army and Navy General Hospital, 89 (a).

post exchange, 117.

physicians, attendance and accounts of, A. R. 1655, 1656, 1659-1665.

to sign professional papers only, 165 (e).

Civilians at post, remarks on diseases prevalent among, 213.

on register of patients, 180.

reported on monthly reports of sick and wounded of regular troops, 207.

treatment in hospital, A. R. 1639, 1640.

Clinical thermometer, 122 (h).

Clothing account, 107.

allowance for privates and acting hospital stewards, Hospital Corps, rules controlling, 42.

book, 174.

disinfection of, 102.

field supply, 295, 297.

gratuitous issues of, 102 (a), A. R. 1636.

Hospital Corps men on ward duty, 42.

in general supply table, 255.

worn by patients in hospital, 101.

Clothing and pay accounts of members of Hospital Corps kept by surgeon, A. R. 1603. Coffee, hot, on night duty, 171 (h).

Color-blindness of cadets and cadet candidates, 235 (c).

Command, mean strength of, 208, 210.

Commanding officers of field hospitals, responsibilities and duties. See Field hospital, 22. Commode chest, field supply, 300.

Commodes, 300, 302,

Communication, lines of, of the sanitary organization of a division on the field, 60 (f). Compact operating case, obs., 351.

Company of instruction, Hospital Corps, points of establishment, permanent cadre, personnel under instruction, term of instruction, casuals, curriculum, discipline and in terior economy, 49.

Compensation to civilian physicians for examination of recruits, A. R. 1662.

Compressed-air apparatus, 283.

Condemnation of property (inspection for) to be authorized by chief surgeon, A. R. 1669. Construction and repair of hospitals, 86-88, A. R. 1644-1650.

hospital stewards' quarters. See Hospital steward.

Contagious diseases at a post, board of health to be notified, 167.

Contract dental surgeon, 25, 30, A. R. 1426, 1459, 1574, 1576, 1578-1589.

age of candidates for appointment, A. R. 1578.

allowances, A. R. 1574.

annulment of contract, A. R. 1579.

appliances for, 341.

are attached to the Medical Department, A. R. 1580.

assignment of operating room, A. R. 1581.

assistant to, duties of, A. R. 1581.

quarters and subsistence for, A. R. 1581.

authority for employment of, qualification required, examination necessary, members of Hospital Corps eligible, under certain conditions, without examination, 1.

blanks, Adjutant General's Department, 344 (d).

Medical Department, 844 (b).

Ordnance Department, 344 (c).

Subsistence Department, 344 (e).

contracts made for three years, A. R. 1579.

detail of three as examiners and supervisors, total number limited to thirty, 1.

emergency work to be given preference, A. R. 1586.

engagements for future treatment of patients, A. R. 1588.

examination of candidates for position of, 25, 25 (a).

field desk for, 344.

furniture for, 342.

hours of official duty, A. R. 1584.

how mustered, 28.

instructions for keeping register of dental operations, 26.

instruments for, 341.

may at specified times operate upon persons not entitled to free services, A. R. 1584.

may not use government material in operations upon persons not entitled to free service, A. R. 1584.

medicines for, 340.

miscellaneous articles for, 343.

```
Contract dental surgeon, member of Hospital Corps to be detailed as assistant to, A. R.
                           1581.
                         method of procuring service of, by enlisted men, A. R. 1587.
                         not entitled to the 10 per cent increase of pay. A. R. 1574.
                         official relation to surgeon of post, 27.
                         qualifications of candidate for appointment, A. R. 1578.
                         return of, 170.
                         report to be made by, A. R. 1589.
                         responsibility for dental instruments and supplies, A. R. 1582.
                          restrictions as to work to be performed and materials used,
                            A. R. 1586.
                         stationery for, 344 (a).
                         supply table for, 339.
                         those entitled to services of, A. R. 1583.
                         to operate only on the teeth and gums, A. R. 1585.
                            report to surgeon of post cases of officers and men requiring
                              excuse from duty, 29.
                         uniform. 30.
         surgeons, 24, A. R. 1242, 1244, 1426, 1459, 1575, 1576, 1577, 1670.
                    allowances, A. R. 1574.
                    annullment of contract to be noted thereon, A. R. 1576.
                    authority for employment of, 1.
                    baggage of, transported at public expense, A. R. 1242, 1244.
                    can not make enlistments or reenlistments, 33.
                    contract with, how made, by whom annulled, 24.
                    death of, to be reported, 168.
                    entitled to obedience and respect, A. R. 1575.
                    maximum compensation of, 1.
                    must present contract when applying for pay, A. R. 1459.
                    not entitled to the 10 per cent increase of pay, A. R. 1574.
                    return of, 170.
                    sale of subsistence stores to, A. R. 1426.
                    services and duties of, A. R. 1577.
                    uniform, 24 (a).
Contracts, contract dental surgeon, A. R. 1579.
           for laundry work, 99 (a), (b), (c), (d), (e), (f).
Cows, purchase of, from hospital fund, 111.
                                           D.
Daily reports, 165 (a).
Deaths, at posts, record of, 175.
        at posts, report of, 213.
        disposition of remains, 104.
        record of, on register, 196 (e), (f), (g), (h).
Deceased soldiers, effects of, A. R. 175, 179.
Defective supplies, etc., to be reported, 129.
Dental case, post, 279.
             obs., 361.
       diseases, cases requiring excuse from duty, how recorded and reported, 29.
       instruments and supplies, how provided, A. R. 1582,
       operations, register of, instructions for keeping, 26.
```

```
Dental outfit for general hospitals, 345.
       services, enlisted men requiring, how procured, A. R. 1587.
                future engagements for, A. R. 1588.
                may be given by contract, dental surgeons to persons not entitled to
                  free service under specified restrictions, A. R. 1584.
                those entitled to, A. R. 1583.
       surgeons. See Contract dental surgeons.
Deodorants, 141 (a).
Deputy Surgeons General, rank and number, 1.
Descriptive and deposit books, 174.
            lists, notations to be made on, 36.
                 in cases of transfer of members of the hospital corps. 41.
Desertion of patients, record of, on register, 196 (j).
Desertions, report of, 165 (d).
Desk, field, 294, 295, 302.
            for contract dental surgeons, 344.
            old pattern, obs., 383.
Destruction of unserviceable property, A. R. 987.
Detached service, medical and surgical chest, for 1900, 380.
         soldiers in hospital, A. R. 175, 873, 1632.
Detachment of infantry on the battlefield, medical department personnel of, 60, (b).
               instruction, where established, strength of, object of, curriculum, 50.
Detail of privates as acting hospital stewards, 37, A. R. 1595.
Diet, special, of hospital patients, A. R. 1392-1395.
Director general, title of the senior medical officer of an army in the field, 17.
Disability, in line of duty, 194 (a), (b), (c), (d), 196 (c), (d).
           degree of, to be noted in register, 196 (b), (c), (d).
Disbursing officers, 163, A. R. 658-738.
Discharge, causes of, 107.
           notification of, to paymaster, 107.
           of members of the Hospital Corps by whom controlled in time of war, 39.
              nurses (Nurse Corps), 64 (a), (c), 65 (i), 68 (c), 72 (a).
           on certificates of disability, 108, 109.
           surgeon's certificate of disability, chief surgeons to recommend, 16.
Discharged soldiers at Fort Bayard General Hospital, 98.
                    as patients in hospital, A. R. 1633, 1634.
                    sick on transports, disposition of, 103.
Diseases, intercurrent, record of, on register, 195.
         nomenclature of, 217, 218.
Disinfectants, 141, A. R. 1668.
              field supply, 290.
              general supply, 247.
Dispensing set, bottles and jars in, 252.
Dissecting case, obs , 372.
Division field hospital, register of, 202.
                       transfers to, from regiments, 199.
         in the field, sanitary organization, personnel and transportation of, 60.
         surgeon, responsibilities and duties of, 19.
         title of the senior medical officer of a division, 17.
Dressing stations, in the field, place of establishment, 57.
```

```
Dressitzes, general supply table, 258.
           sterilized, 143.
           surgical, 304 (d).
                    field supply. 303.
                    regimental, 1900, 379 (d).
Durable property, purchase of, 111.
                  return of, 110.
                  unfit for use, 113 (l).
Duties of acting hospital stewards and hospital stewards, 34.
          members of the hospital corps, A. R. 1601-1628.
          the Medical Department, A. R. 1750.
Duty, excuse from, for dental disease, how obtained, 29.
                                          Е.
Ear, instrument case for, general supply table, 263.
Emergencies, chief surgeon to act, 126.
Emergency case, 249, 808.
                 old pattern, obs., 370.
Engineer stations, allowance of Hospital Corps men, A. R. 1607.
Enlisted men of the Army, admission to Army and Navy General Hospital, 89-94 (e).
                                        Fort Bayard General Hospital, 98, A. R. 172.
Enlistment and reenlistment of members of the Hospital Corps, by whom controlled in
             time of war, 39.
           paper for recruit of the Hospital Corps, disposition of, 43.
           papers, notations to be made on, 33 (b).
Enlistments and reenlistments Hospital Corps, A. R. 1597-1600.
            to be authorized by chief surgeons, 33.
            by medical officers, special authority required, 33.
            Hospital Corps, married men not enlisted, A. R. 1600.
            can not be made by contract surgeons, 83.
            special authority to be obtained in cases of physical defects, 83 (a).
Epidemic disease at a post or station, 166.
Equipment for ambulance dressing station, 328.
           of members of Hospital Corps, 45, A. R. 1604.
           regimental field hospital, disposition of, 58 (a).
Equipments, horse, for mounted members of the Hospital Corps, 336.
Errors of vision that may be waived in enlistments, 33 (a).
Estimates for hospital buildings, A. R. 1646-1648.
Examination for contract dental surgeon, nature and scope, 25.
                 position of acting hospital steward, 32.
                            hospital steward, 32.
             form, when to be sent, 225, 225 (a).
                          not to be sent, 228.
             forms, letters of transmittal not required, 228 (a).
             of candidates for position of assistant surgeon, 2-7.
                medical officers for promotion, 15, A. R. 1572.
                nurses (Nurse Corps), 61, 63, (a), (b), (c).
                recruits, physical, 219-243, A. R. 939-947.
                         compensation to civilian physicians for, A. R. 1662, 1663.
                         monthly report of, 233.
```

```
Examination of recruits on arrival at post, A. R. 946.
                         pay for, 224 (a).
                         prior to leaving rendezvous, A. R. 944.
                         responsibility for the, 226 (a).
                Indian scouts, 229.
                medical officers for promotion, how made and character of, 15.
                                               physical, 15 (1), (2),
                                               professional, of lieutenants, 15.
                                                               captains, 15.
                                               report of, 15.
Examining a recruit, mode of, 222-231.
Exchange of medical supplies with druggists prohibited, 139 (d).
Expenses, no allowance for, to persons undergoing examination for appointment.
  A. R. 1753.
Exsecting case, obs., 350.
Eve and ear case, obs., 362.
Eye case, general supply table, 261.
                                           F.
Faculty of Army Medical School, A. R. 542.
                                  President of, to make detailed report of condition of
                                    school, 11 (a).
Families of officers and enlisted men, medical attendance on, 116, A. R. 1653.
Fever, importance of cases of in camp, 171 (e).
Field appliances, 144.
      chests, cases, and containers regimental hospital, 319.
      case, obs., 352.
           (surgeon's), 1898 pattern, obs., 355.
      desk. 294, 302,
           for contract dental surgeons, 344.
           old pattern, obs., 383.
      furniture, 144.
      hospital, commanding officer of, duties and responsibilities, 22.
               reports and returns required to be made, 22.
               detail of line officer as quartermaster of, 22 (a).
               executive officer, 22.
               title of the senior medical officer on duty at. 17.
      hospitals, acting assistant quartermaster, 55 (a).
               condition of, to be verified by chief surgeon (corps) prior to a movement, 18.
                division surgeons to see that they are properly established and in readi-
                  ness for reception of wounded, 19.
               location of, to be indicated by chief surgeon (corps), 18.
               number allowed a division personnel, 60 (d).
               management of and detail of officers in charge of departments, 22.
               regulations governing equipment of, 59.
                transfers from to other hospitals, 202-204.
      operating case, 303, 306.
                     pattern 1898, obs., 353.
                     old pattern, obs., 354.
      organizations, titles of senior medical officers on duty with, 17.
      range, large, 302, 314.
```

```
Field range, small, 324.
     register, 198-205.
     service, Hospital Corps, 52, 53, 54, A. R. 1616-1620.
              independent command hospital, ambulance, 56.
              regimental aid stations, ambulance stations, dressing stations, establish-
                ment of hospitals, 57.
              regimental hospital, 58.
      supply table, 288.
Filter, Maignen, 302, 304 (e).
                 regimental supply, 1900, 3.9(c).
Final statements, instructions concerning, 106, 107.
Firearms, issue to members of the Hospital Corps, 40.
First-aid packets, 143, 145, 145 (a), 145 (b).
Flag of the Geneva convention, A. R. 238.
Flazs, ambulance, A. R. 238.
Flics, disease spread by, 171 (f).
Food chest, field supply, 292, 302.
            old pattern, obs., 382.
Forbes water sterilizing outfit, 315.
Forceps, hiemostatic, case of, 261, 303.
                           obs., 363.
Formaldehyde generator to be asked for on special requisition, 122 (g).
Formulæ of nonofficial medicinal preparations, 280.
Fort Bayard, N. Mex., General Hospital, 98, A. R. 172.
Four-mule wagon, wheel-team harness, 335.
Fruit, caution concerning use of, 171(j).
Furloughs, Hospital Corps, to be acted on by chief surgeons of departments, 16.
Furniture, for contract dental surgeons, $42.
           (dental), for general hospitals, 845 (a)
           in general supply table, 255.
           field, 144.
                 folding, 295, 298.
                 supply, 295.
           repair of, 134.
                                           G.
Gardeners, hospital gratuities, etc., 113 (b), (c).
Garrison service, Hospital Corps, A. R. 1610-1615.
General Hospital, Army and Navy, 89-97, A. R. 172, 1623-1626.
        hospitals, allowance of Hospital Corps men, A. R. 1607.
                   controlled by, A. R. 1621.
                   dental outfit for, 345.
        operating case, general supply table, 259, 304 (b), 307.
                        obs., 348.
        prisoners, on register of patients, 180.
Geneva convention, 244.
                    flag of the, A. R. 238.
Genito-urethral case, obs., 365.
Genito-urinary case, general supply table, 262.
```

old pattern, obs., 366.

Government Hospital for the Insane, transfers to, 182, A. R. 544-549. Gynecological case, general supply table, 267.

obs., 568.

н.

Hæmostatic forceps case, general supply table, 261.

obs., 363.

Hearing of cadets and cadet candidates, 235 (a).

Height, how given, 233 (e).

of cadets and cadet candidates, 235 (d), (e).

recruits, 219, 230, 230 (a).

Hernia, operations for, 218 (c).

Horse equipments for mounted members of the Hospital Corps, 336.

Hospital and Ambulance service, A. R. 1590.

bedding, use of, 139 (a).

boats controlled by, A. R. 1622.

buildings, 86-88, A. R. 1644-1650.

clothing, disinfection of, 102.

use and transfer of, 101.

construction and repair, estimates for, chief surgeons to act on, 16. cooks, gratuities to, 113 (a), (c).

Corps, allowance of men at arsenals, general hospitals, engineer stations, and independent posts, A. R. 1607.

noncommissioned officers at permanent posts, A. R. 1605. privates at permanent posts, A. R. 1606.

appointment of lance acting hospital stewards, acting hospital stewards, and hospital stewards, 37, A. R. 15951/6.

chief surgeons of departments to authorize enlistments for, 16.

companies and trains, condition of, to be verified by chief surgeous (army corps) prior to a movement, 18.

detachment of, regimental field hospital, 58 (b).

efficiency of at posts, to be tested by chief surgeons of departments, 16. enlistments, recalistments, A. R. 1597-1600.

equipment of members, charge to be made of, 45, A. R. 1604.

field service, A. R. 1616-1620.

ambulances, **54**, A. R. 1590, 1618. mounts for, **53**, A. R. 1617. strength of, **52**, A. R. 1616.

furloughs for members of, to be acted on by chief surgeons of Departments, 16.

garrison service of, 15, A. R. 1610.

instruction of, A. R. 1609.

inspection, muster, duties, and instruction in drill of members, A. R. 1601, 1628.

monthly return of, 51.

pay and clothing accounts of member kept by surgeon, A. R. 1603, pouches, 272, 303, 309.

promotion of members of, A. R. 1591.

transfer from, the line, 125, A. R. 1596.

of members of, to be recommended by chief surgeons of departments, 16.

```
Hospital, field, by whom to be established, 57.
               regulations governing equipment of, 59.
               service, independent commands, 56.
         fund, 110-113, A. R. 331, 353, 1395, 1640, 1641.
               authority of chief surgeons of departments with respect to, 16.
               expenditure of, A. R. 1642.
         gardeners, gratuities to, 113 (b), (c).
         matrons, 99.
                   allowance of to hospitals, A. R. 1630.
                   appointment of, A. R. 1629.
         property, use of, A. R. 1637.
                   not to be used for other than hospital purposes, 139, A. R. 1637.
         railway trains controlled by, A. R. 1622.
         steward, application for position of, 31.
                  death of, to be reported, 168.
                  examination for position of, 82.
                  rank, A. R. 9.
                  travel, A. R. 1232, 1242.
         stewards, appointment of, 37.
                   duties of. 34.
                   not to be reduced, A. R. 1594, 1033.
                   number allowed increased to 300, 1.
                   of volunteers, eligible for appointment upon passing examination, 1.
                   personal reports of, A. R. 1593.
                   quarters, construction and repair of, estimates for, chief surgeons to
                              act on, 16.
                             repairs of, 87.
                   reenlistment of, A. R. 1592.
                   when to be examined for reenlistment, 35.
        stores, ambulance, box of, 329.
                field supply, 291.
                on general supply table, 253.
         transports, A. R. 1622.
Hospitals, disposition of remains in case of death, 104.
          general, controlled by, A. R. 1621.
          post, laboratory of, 88.
               operating room of, 88.
          service of, 100-107, A. R., 175, 179, 790, 873, 1392-1395, 1621, 1622, 1628-1643,
Hypodermic syringe, general supply, 248.
                                           Ι.
Ice funds, 152, 153, 155.
   machines, 150, 285.
Independent posts, altowances of Hospital Corps men at, A. R. 1607.
Indian scouts, examination of, 229.
Indorsement book, 174,
Infantry, detachment of on the field, personnel of Medical Department, 60 (b).
Infected tents, clothing, etc., A. R. 790, 1635, 1636.
Information slips and their use, 36, 172.
Inhaler, 281.
```

```
Insane soldiers, transfer to Government Hospital, 182, A. R. 544-549,
Insanitary conditions, special reports to remedy, 169 (b), 212 (c).
Inspection, applications for, 137.
           by whom, A. R. 979.
           of ambulances, litters, and other transportation appliances for wounded.
                A. R. 1615.
               Army Medical Echool, A. R. 969.
               Army transports, 82-84.
               detachment, Hospital Corps, 48.
               hospital buildings, A. R. 1647.
               medical and surgical chests, 144 (a).
               members of the Hospital Corps, A. R. 1601-1628.
               posts by chief surgeons, 16.
           reports, action on, A. R. 989.
Inspector General's Department blanks, field supply, 293 (d).
                                          in field desk, 294 (h).
Instruction, company of, 49.
            course of, for all men of the Hospital Corps, by whom given, record of
              report of text-books employed, 48.
            detachment of, 50.
            in litter bearer's duties and in first aid of enlisted men of the line, A. R. 1608.
            of men of the Hospital Corps at posts, A. R. 1609.
            results of to be reported in cases of transfer, how estimated, 36.
            by company officers to enlisted men of their companies, 47.
Instruments, for contract dental surgeons, 341.
             dental, for general hospitals, 345 (b).
             general supply table, 258.
             meteorological, 149.
             requiring repair, 132.
             surgical, field supply, 303.
             to be examined at least once a month, 133.
Intercurrent diseases, record of, on register, 195.
Inventories, disposition of, A. R. 983.
Inventory and inspection reports, 138.
                                          к.
Kitchen refuse of camps, 171 (c).
                                          L.
Laboratory at post hospitals, 88.
           outfit (dental) for general hospitals, 345 (c).
Lance acting hospital stewards, 38, A. R. 15951/2.
Laundry appliances, 139(f).
         work, 99 (a), (f).
Lenses, trial, case of, general supply table, 265.
                     obs., 364.
Letter-press book, not an official record, 174.
Letters of transmittal not required with requisitions, 125.
Library, hospital, A. R. 1643.
Lime, 142 (b).
```

Line of duty, entry on register, 194.

```
Lines of communication of sanitary organization of a division on the field, 60 (f).
  Linoleum, 139 (a),
  Lists of wounded, 201, A. R. 887.
  Litters, canvas for, 139 (i).
          for company use, A. R. 1613.
          mule, issuance of, A. R. 1614.
  Lost, destroyed, etc., medical property, 131.
  Lye, not authorized for laundry use, 139 (b).
                                             м.

    Maignen filter, 302, 304 (e).

                  obs., 378 (f).
                  regimental supply 1900, obs., 379 (e).
  Mailing tubes, 173.
  Malarious localities, quinine as a prophylactic in, 171(k).
  Marches not to be made in the hottest part of the day, 171 (q).
  Marriages at posts, record of, 175.
             report of, 213.
  Married men, not to be enlisted for Hospital Corps, A. R. 1600.
  Matting, rubber, 139(g).
  Medical and surgical chests for detached service, 305.
                              inspection, 144 (a).
                              pattern of 1898, obs., 378.
                                        1900, obs., 379.
          attendance, 114-118, A. R. 1651-1656, 1659-1665.
                       of nurses (Nurse Corps), 61, 72,
          chest, for detached service, 302, 305.
                 (No. 1), pattern 1898, obs., 378 (a).
                 (No. 1), old pattern, obs., 376.
                 (No. 2), pattern 1898, obs., 378 (b).
                 regimental, 302, 304 (a).
           Department, blanks, field supply, 293 (b).
                                in field desk, 294 (c).
                        duties of the, A. R. 1750.
                        field hospital and ambulance company, acting assistant quarter-
                               master for, 55(a).
                             service, allowance of horses for mounts, wheel transportation,
                               tentage, 55.
                        organization of, 1.
           history of post, its use, 175.
           journals, 156, 158.
          officer of volunteers, period of service as, included in first five years of assistant
             surgeon, 1.
          officers, assigned as attending surgeons, expected to avail themselves of oppor-
                     tunities for professional instruction, 13.
                   assignment of, as attending surgeons in cities, 13.
                               to stations, changes and removals, A. R. 823.
                   civil practice by, prohibited, 118.
                   examination for promotion, 15, A. R. 1572.
                   for enlistments and reenlistments require special authority, 33.
```

```
Medical officers, number of, assigned to posts, governed by strength of garrison, 12.
                personal reports of, 170.
                 return of, A. R. 1670.
                 to submit suggestions for improvement of supplies and appliances, 129.
        outfit, regimental, 3, 4, 304 (a).
        property, accountability, 131.
                  lost or destroyed. 131.
                  unauthorized use of, to be reported by chief surgeons, 16.
                  unserviceable, chief surgeons of departments to act on applications for
                    inspection of, 16.
                  use of, 139, A. R. 1637.
        reports, publication of, 213 (a).
        supplies, 119-138, A. R. 1666, 1667.
                 defects in quality, quantity, packing, etc., to be reported, 129.
                 exchange with druggists prohibited, 139 (d).
                 medical officers to submit suggestions for improvement of supplies and
                    appliances, 129.
                  metric system to be used, A. R. 1667.
                  new remedies, 120.
                  purchase of, 119, A. R. 1666.
                  requisition, annual, 121, 122.
                              special, 122 (a).
                  transfer of, 127.
        Supply depots' records, 161, 162.
Medicinal preparations, nonofficial, formulæ of, 250.
          tablets, classification of, 251.
Medicine bottles, sizes of, 246.
Medicines, field supply, 289.
           general supply, 246.
           supply table for contract dental surgeons, 340.
Mess chest, 302, 313.
            large, 313.
           old pattern, obs., 381.
           small (25 patients), 323.
Meteorological instruments, observations and reports, 149.
Metric system enjoined, A. R. 1667.
Microscope, general supply table, 275, 302, 311.
            "The Investigator," obs., 374.
            "The Universal," obs., 373.
Microscopes to be asked for on special requisition, 122(q).
Microscopical accessories, 302, 312.
                         general supply table, 276.
Minor operating case, obs., 356.
Miscellaneous articles for contract dental surgeons, 343.
                      (dental) for general hospitals, 345 (d).
                      for field supply, 302.
                      general supply table, 257.
                      regimental hospital, 320.
Missing teeth, how to note, on outline figure card, 240 (1).
```

Mobility of chest, 221, 230, 230 (a).

```
Monthly report of sick and wounded, 206-216.
         reports, 165 (b).
         returns of the Hospital Corps, preparation of, 51.
Mule litters, issuance of, A. R. 1614.
Muster of members of the Hospital Corps, A. R. 1601-1628.
                                           N.
Names, alteration in, 226 (c).
        how to write on outline-figure cards, 240 (d).
New remedies, 120.
Nomenclature of supply table to be followed, 125.
                 diseases, 217, 218.
Noncommissioned officers, Hospital Corps, allowance of, at permanent posts, A. R. 1605.
Nose, instrument case for, general supply table, 268.
Numerical statement of report of sick and wounded, 211.
Nurses, army, appointment of, 61, 63, 64, 64 (b), 65 (q).
        assignments of, 65.
        badge of, 75 (b).
        baggage, 68 (b).
        commutation of rations, 70 (a), (b).
        daily duty, service, 78 (c).
        discharge of, 64 (a), (c), 65 (i), 63 (c), 72 (a
        duties of, 62, 65 (c).
        efficiency reports of, 73, 74 (a).
        eligible list, 63 (d), (e).
        examination of, 61, 63 (a), (b), (c).
        expenses when traveling, 61, 68 (f), (g).
        illness of, 72.
        instruction, special, of, 65(f).
        laundry for, 69 (a), 75 (a).
        leave of absence, 61, 65 (b), 68 (e), 71.
        leave without pay, 71(a), (e), (f).
        male, 77.
        medical attendance, 61, 72.
        misconduct of, 64 (a).
        orders, change of, 65 (k), 67 (d), 74.
        paid by, 61, 67 (b).
        pay and allowances, 61, 67 (b), (c), (d), 73 (d).
        private cases, 65 (d), 71 (e).
        promotion of, 73(a).
        qualifications of, 61, 63.
        quarters, 61, 69.
        reports and returns, 73, 74.
        reserve, assignment of, 61, 76.
                active service of, 76 (a), (b).
                badge, 76 (a).
                pay and allowances of, 61, 67, 76 (a), (b).
        special, payment of, A. R. 1661,
        subsistence, 61, 70.
        surplus of, 65(h).
```

```
Nurses to serve wherever services may be needed, 65.
        tour of duty, 63 (e), 65 (a), (f).
        transfers of, 65 (b), 66.
        transportation, 61, 68.
        transport duty, 65 (c).
        uniform of, 75.
        when dropped from service, 76 (c).
Obsolete articles, 346-383.
Obstetrical bag, general supply table, 26%.
           case, obs., 368.
Officers, admission to Army and Navy General Hospital, 89, 94.
                      Fort Bayard General Hospital, 98, A. R. 172.
        charge for subsistence at hospital, 90, 90 (b).
        death to be reported, 168, A. R. 93.
        families of, defined, 116.
        of the day (medical) to be detailed by division surgeon, duties of, 19.
        retired, admission to Army and Navy General Hospital, 94 (c).
                on register of patients, 180.
Operating case, compact, obs., $51.
                field, pattern 1898, obs., 353.
                      obs., 354.
                      small, 306.
                general, 259, 303, 304 (b), 307.
                minor, obs., 356.
          room of post hospitals, 88.
                furniture and appliances for, 256.
          staff, assignments to, 18.
Operations for hernia, 218 (c).
           surgical, record of, on register, 195.
Order and letter book, 174.
Orderly pouch, 273, 303, 310.
Ordnance Department, articles for field service issued by, 317.
                               obtained from, 287.
                       blanks, field supply, 293 (g).
                               in field desk, 294(f).
                       regimental hospital, 287, 326, 336.
Organization, sanitary, of a division in the field, 60.
Outline-figure cards, 236-243.
                     abbreviations to be used on, 242, 242 (a), 242 (b).
                     age to be given on, 240 (f).
                     amputations noted on, 241(n).
                     blanks, furnished by, 236.
                     date of prior enlistment, 240 (k).
                     eye colors, 240 (i).
                     hair scale of, 240(h).
                     ink, 240 (c).
                     letter of transmittal not required, 237.
                    · location of marks on, 241.
```

```
size of, on, 241 (d).
                     missing teeth noted on, 240 (1).
                     names to be given on, 240(d).
                     "no marks on," 240 (b).
                     not required in the case of native Philippine organizations, 237 (b).
                                                provisional Porto Rican regimental
                                                  services, 237 (b).
                                  for scouts, 237.
                                  in case of volunteers, 237 (a).
                     of soldiers discharged dishonorably or without honor, 243.
                     organization noted on, 240 (e).
                     prepared by, 238.
                     tattoo marks on, 241 (f), (g), (h), (i), (k), (l).
                                          Р.
Paquelin's thermo-cautery, 270.
Patients in hospital, disposal of arms and accounterments of, A. R. 1631.
                    information to company commanders, 105.
Pay and clothing accounts kept by surgeon, A. R. 1603.
Pay for examination of recruits, 224 (a).
Paymaster General's Department, blanks, field supply, 293 (h).
                                          in field desk, 294 (i).
Payments to contract surgeons, contract must be presented when applying for, A. R. 1459.
Personal pocket case, obs., 35%.
         eports of hospital stewards, A. R. 1593.
                   medical officers, 170.
                                                                                 . 1
Personnel for a division in the field, 60.
          sanitary, for a regiment in the field, 60 (a).
Physical condition, to be noted on descriptive list, 36.
         defects, when slight, may be waived, 33 (a).
         examination of applicants for appointment as assistant surgeon, 3.
                      forms in cases of recruits, disposal of, 43.
Physician, authority to employ under contract, 224 (b).
Physicians, civilian, to sign professional papers only, 165 (e).
                    employment of, by recruiting officer, 224.
Pocket case, asceptic, obs., 357.
             general supply table, 260, 303, 304 (b), 305.
             personal, obs., 35%.
             post, obs., 359.
Population, official, entitled to medicine, 245.
Portfolio of ambulance company, 331.
Post exchange, medical attendance on employees of, 117.
     garden, seed for, purchased from hospital fund, A. R. 353.
     mortem case, general supply table, 274.
             examinations recorded in register, 196 (e).
                           reported, 212 (d), 213.
     pocket case, obs., 359.
     the medical history of the, 175.
Posts, inspection of, by chief surgeons, A. R. 1671.
      1120-15
```

Outline-figure cards, marks, number of, 239, 240 (a).

Posts, number of medical officers governed by strength of garrison, 12. sanitary condition of, department commanders to be advised as to, by chief surgeons, 16. Pouch, Hospital Corps, 272, 303, 309. orderly, 273, 303, 310. Prescriptions, 147, A. R. 1667. Prisoners, general, on register of patients, 180. Privates, Hospital Corps, allowance at permanent posts, A. R. 1606. detail of, as acting hospital steward, 37, A. R. 1595. Promotion, examination of medical officers for, 15, A. R. 1572. of members of the Hospital Corps, A. R. 1591. Property destroyed to prevent contagion accounted for, 102, A. R. 1636. Publication of special reports, 213 (a). Pump, surgical, obs., 371. Purchase of medical supplies, 119, A. R. 1666. Purchases from hospital fund, 111, 113. Q. Quarantine of army transports, 81. Quartermaster, detail of line officer as, of ambulance company, 23 (a). at field hospital, 22 (a). Quartermaster's Department, articles obtained from, 286. blanks, field supply, 293 (f). in field desk, 294 (e). Quarters, assistant to contract dental surgeon, A. R. 1581. for hospital stewards, repair of, 87. Onicklime, 142 (b). Quinine, prophylactic doses of, 171 (k). R. Railway trains under control of Medical Department, A. R. 1622. Range, field, large, 302, 314. small, 324. Rank, acting hospital steward, A. R. 9. hospital steward, A. R. 9. Recommendations, sanitary, of medical officers, 169 (b). Record, to be kept of instruction of men of the Hospital Corps, 48. Record books, field supply, 293 (a). instructions concerning, 174. kept by chief surgeons of departments, 16. Records to be kept by chief surgeon (corps), 18. supply depot, 161, 162. Recruiting returns to be furnished the Adjutant General by the Surgeon General, 43. Recruits, compensation to civilian physicians for examination of, A. R. 1662, 1663. discharge on certificates of disability, A. R. 943, 946. examination of, on arrival at post, A. R. 946. prior to leaving rendezvous, A. R. 944. when to be made, 227. height of, 219, 230, 230 (a). pay for examination of, 224 (a).

```
unfit for service or illegally enlisted, A. R. 943.
         vaccination of, 231.
                         and its record, A. R. 942, 945.
         weight of, 220, 230, 230 (a).
Reduction of acting hospital stewards, A. R. 1594, 1033.
Reenlistments, 232.
               and enlistments, Hospital Corps, A. R. 1597.
                                can not be made by contract surgeons, 33.
               by medical officers, special authority required, 33.
               of hospital stewards, A. R. 1592.
Reexamination of hospital stewards when required, 35.
Regimental aid stations, place of establishment, 57.
                        in the field, 60(a).
            field hospital, nature of, tentage (a), (c), Hospital Corps detachment (b),
                             equipment (c), transportation of clothing (d), 58.
                           regulations governing equipment of, 59.
            hospital, supply table for, 318.
            medical chest, pattern 1900, obs.. 379 (a).
                    outfit, 304, 304 (a).
            sanitary detachment on the field, 60 (a).
            sterilizer chest, 304 (c).
                                 1900, obs., 1379 (c).
            surgeon, title of the senior medical officer of a regiment, 17.
                     duties of, 21.
                      reports and returns to be made by, 21.
            surgical chest, 1900, obs., 379 (b).
                     outfit, 304, 304 (b).
Register, field, 198-205.
          number of cases on sick report, 183.
          of dental operations, instructions for keeping, 26.
            examinations and monthly reports of recruits examined, A. R. 947.
            patients, 176-197.
Repairs of hospitals, 86-88, A. R. 1644-1650.
           hospital stewards' quarters, 87.
        required to instruments, apparatus, furniture, etc., 132, 134.
Report of official work to be made by contract dental surgeons, A. R. 1589.
          instruction of men of the Hospital Corps, 48.
           means of transportation, weekly, to be called for by chief surgeon, corps, 18.
          personnel of Hospital Corps, numerical, weekly, to be called for by chief sur-
             geon army corps, 18.
          physical examination of cadets, 235 (g).
          sick and wounded, 206-216.
                              of regiments to be made to brigade surgeon daily or weekly,
                                 as required, 20.
Reports and returns, 165-170, A. R. 134, 887, 1571, 1670.
        daily, 165 (a).
        monthly, 165 (b).
                  of recruits examined, 233, A. R. 947.
```

Recruits, physical examination of, 219-243, A. R. 939-947. responsibility for the examination of, 226 (a).

```
Reports, occasional, 165 (d).
         of sick and wounded, numerical, weekly, to be called for by chief surgeon,
                                   corps. 18.
                                to be examined by chief surgeons of departments, 16.
         special medical and sanitary, 212 (c).
         yearly, 165 (c).
Requisition, annual, for medical supplies, 121, 122.
            chief surgeon to act in emergency, 126.
            for blank forms and records, 173.
                medical and hospital supplies, chief surgeons of departments to act on, 16.
            special, 122 (a), 124.
            to be made timely, 126 (a).
                  sent without letter of transmittal, 125.
Reserve nurses, active service of, 76 (a), (b).
                assignment of, 61, 76,
                badge, 76 (a).
                pay and allowances of, 61, 67, 76 (a), (b).
Restraint apparatus, 282.
Retired officers, on register of patients, 180.
Return, army nurse corps, monthly, to be made by chief surgeons of departments, 16.
        Hospital Corps, monthly, preparation of, 51.
        of contract surgeons, monthly, to be made by chief surgeons of departments, 16.
                      A. R. 1670.
                   dental surgeons, monthly, to be made by chief surgeons of depart-
                     ments, 16, A. R. 1670.
           durable property, 110, 113 (m).
           medical officers, monthly, to be made by chief surgeons of departments, 16,
                     A. R. 1670.
           members of Hospital Corps, monthly, to be made by chief surgeons of depart-
                     ments, 16.
                   property, 136.
        recruiting, to be furnished the Adjutant General by the Surgeon General, 43.
Revolvers, obtained from, 287.
Rubber matting, 139, (g).
                                          s.
Saddlers' tools, ambulance corps, 338.
Sales, expenses of, 138.
      method of, A. R. 761.
      proceeds of, A. R. 697.
Sanitary and medical notes on report of sick and wounded, 212.
         condition of posts, chief surgeons to advise department commanders upon, 16.
         detachment of a regiment on the field, 60 (a).
         measures in time of war, 171.
         organization of a division in the field, 60.
         report, 169 (a), (b), A. R. 1571.
         reports, publication of, 213 (a).
Screens, 146.
        window and door, 122 (f).
Service chevrons, number to be issued to enlisted men of the Hospital Corps. 42.
```

```
Sick absent from command, instructions concerning, 179, 181, 196,
     report, definition of term, 177.
Signature of surgeon on register of sick and wounded, 197.
          to monthly report of sick and wounded, 216.
Sinks of camps, care of, 171 (b).
Skeleton in cabinet to be asked for on special requisition, 122 (g).
Soap or lve, not authorized for laundry use, 139 (b).
Soldiers' Home, admission to, A. R. 191-194,
Special authority required for enlistment and reculistment by medical officers, 33.
                 must be obtained for enlistments in cases of slight physical defects,
                    33 (a).
       medical and sanitary reports, 212 (c).
       qualifications of applicants for enlistment to be noted on enlistment papers,
          33 (b).
       reports, publication of, 213 (a).
Squadron of cavalry on the field, personnel of medical department, 60 (b).
Statement of hospital fund, 110, 113.
Station and duty, report of, 170.
Stationery, field supply, 293.
           for contract dental surgeons, 344 (d).
           in field desk, 294 (b).
                         old pattern, obs., 383 (b).
              general supply table, 254.
Sterilized dressings, 143.
Sterilizer chest, regimental, 302, 304(c).
                             1900, obs., 379 (c).
                 obs., 378 (e).
Stomach pump case, obs., 369.
Subsistence, charges for, at hospitals, A. R. 1641.
            Department, blanks, field supply, 293 (c).
                                  in field desk, 294 (d).
             of assistant to contract dental surgeons, A. R. 1581.
               nurses, 61, 70.
Superintendent of Nurse Corps, appointment of, 61.
                                compensation of, 61.
                                duties of, 62.
Supplies for brigade hospital, 316.
         regimental field hospital, 325.
Supply depots, records, etc., 161, 162.
       table, nomenclature to be followed, 125.
              for contract dental surgeons, 339.
Surgeon, initials of, to authenticate correction of errors on register, 197.
                    on report of sick and wounded to authenticate corrections, 209.
          signature of, on register of sick and wounded, 197.
          General, rank of, 1.
Surgeons, certificates of disability, discharges on, chief surgeons to recommend, 16.
           contract, return of, 170.
                    death of, to be reported, 168.
                    dental, return of, 170.
           field case, 1898 pattern, obs., 355.
```

```
Surgeons of Volunteers, appointment of authorized, period of service limited to two
            years from February 2, 1901, 1.
          rank and number of, 1.
Surgical chest, for detached service, 302, 305.
               No. 1, pattern 1898, obs., 378 (c).
               No. 2, pattern 1898, obs., 378 (d),
               old pattern, No. 2, obs., 877.
               regimental, 302, 304 (b).
        dressings, ambulance box of, 330.
                   field supply, 302, 304 (d).
                   regimental, 1900, obs., 379 (d).
        instruments, field supply, 303.
        operations, record of, on register, 195.
        outfit, regimental, 304, 304 (b).
        pump, obs., 371.
        reports, publication of, 2:3 (a).
                                           T.
Tablets, medicinal, classification of, 251.
Tentage for brigade field hospital, 316.
         regimental field hospital, 58 (a), 325.
Text-books, to be employed in instruction of men of the Hospital Corps, 48.
Thermo-cautery, Paquelin's, 270.
Thermometers, clinical, 122 (h).
Throat, instrument case for, general supply table, 263.
Titles of senior medical officers serving with commands in the field, 17.
Tool chest, general supply table, 284.
Tooth-extracting case, 280.
Transcripts received in lieu of descriptive lists in certain cases of members of the Hos-
  pital Corps, 41.
Transfer slips, 182, 191, 192,
              in cases for the Army and Navy General Hospital, 96.
Transfers by department commanders to meet emergencies, A. R. 1602,
           from field hospitals to other hospitals, 202, 203, 204.
                regiments, etc., to hospitals other than the division or the brigade hos-
                  pital, 200-205.
           notations and reports to be made in regard to, 36.
           of enlisted men of the line to the Hospital Corps, 44, A. R. 1596, 125.
             hospital fund, 113 (g), (u).
             medical supplies, 127.
             members of the Hospital Corps from the line, by whom controlled in time
               of war, 39.
             nurses, 65 (b), 66.
             patients, 100, 196 (i).
           to field hospitals, 199.
             the Government Hospital for the Insane, 182, A. R. 544-549.
Transportation, clothing, regimental field hospital, 58 (d).
                for a division in the field, 60.
                    ambulance company, 327.
                    brigade field hospital, 316.
```



Water supply of camps, 171 (d).

Weight of cadets and cadet candidates, 235 (d), (e).

recruits, 220, 230, 230 (a).

Window curtains, 122 (f), 146.

Wire netting, 146.

Wounded, list of, to be forwarded after an engagement by commanding officers of field hospitals, 22, A. R. 887.

prepare, 201.

x.

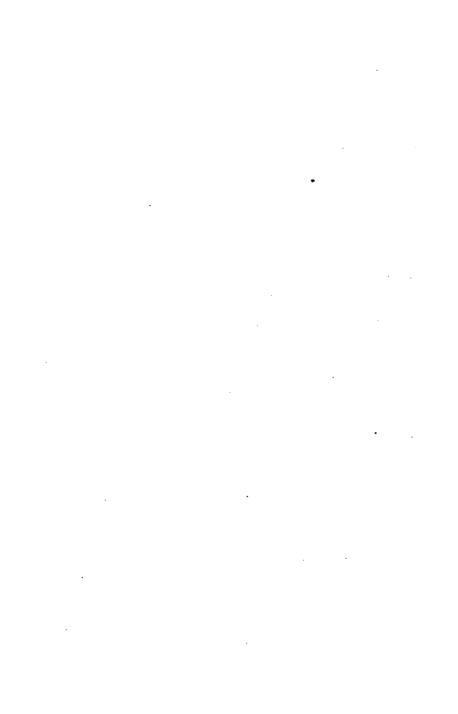
X-ray apparatus, 271, 305.

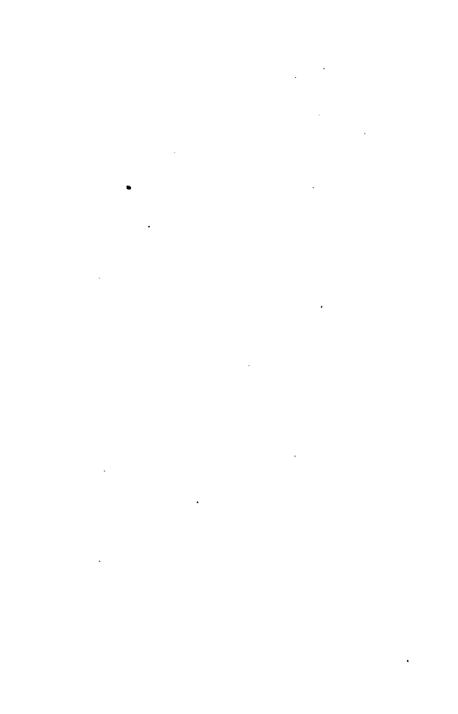
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Yellow fever in camps, 171(e).

appearance of, at a post or station, 166.

Yearly reports, 165(c).





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